#### The Weather

Today: Rain, mid 70s F (24°C) Tonight: Clearing, 60°F (16°C) Tomorrow: Sunny, lower 70s F (22°C) Details, Page 2

Volume 123, Number 40

Cambridge, Massachusetts 02139

Tuesday, September 16, 2003

# Walker **Dining** To Move To Stata

By Christine R. Fry

Walker Memorial's first-floor dining facilities will be shut down later this school year in favor of new facilities at the Ray and Maria Stata Center, said Larry G. Benedict, the dean for student life, at last night's meeting of the Undergraduate Association Senate.

Benedict predicted that the Stata Center will open in March or April of 2004. Pritchett Convenience Store will continue to operate on the second floor of Walker.

Benedict said that Walker needs approximately \$15 million in improvements. "We're beginning to slowly renovate Walker," he said. But MIT does not have the money to complete all of the renovations immediately, he said.

In a presentation to the Senate, MIT officials also discussed the creation of a committee to discuss the creation of a new undergraduate residence within the next several years, the offering of some Division I sports, and a new access path for West Campus.

#### Talks begin on new dormitory

Benedict said that a committee has recently been formed to discuss the possibility of a new undergraduate residence.

"Eventually we hope and plan to build a new dorm. ... We have a committee that's begun," Benedict

Walker, Page 18

## Dalai Lama Attends Debate on Human Mind

By Brian Loux

FEATURES EDITOR

Tenzin Gyatso, the 14th dalai lama, met with leading neuroscientists and Buddhist scholars at a wellattended

Featuretwo-day conference,

"Investigating the Mind," in Kresge auditorium last weekend.

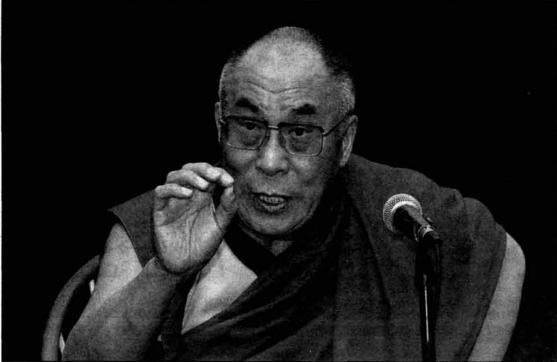
For a total of 14 hours on Saturday and Sunday, the scholars discussed the starkly contrasting approaches of Western science and Tibetan Buddhism to understanding the human mind.

President Charles M. Vest was one of three speakers to kick off the event. Other speakers paid tribute to Francisco J. Varela, a Buddhist who co-founded the Mind and Life Institute, which organized the conference with MIT's McGovern Institute for Brain Research. Varela died

The Dalai Lama also spoke before the discussion started. All civilizations have an "enthusiasm to investigate" the world around them, he said, but Buddhists' and neuroscientists' knowledge of each other were "like a baby's."

#### Collaboration minimal at talk

The format was for one Buddhist scholar and one neuroscientist to present each side's views on the topics of attention, mental imagery, and emotion, in each of the three



Tenzin Gyatso, the dalai lama, leader of Tibetan Buddhism, answers a question during a media conference at the Charles Hotel in Cambridge on Friday. His Holiness later participated in the "Mind and Life" conference in Kresge Auditorium Saturday and Sunday.

sessions. The final minutes were left for discussion by both sides.

Much of the discussion, however, did not delve into the incongruities between the two sides. Many of the presenters' questions to each other sought only to clarify points made in the talks.

The Dalai Lama, who listened to both sides through a translator, appeared often to have trouble following the scientists' presentations.

At other times, the panelists could not find ways to compromise the opposing views.

John Duncan, a neuroscientist from the University of Cambridge in England, said the Buddhists presented "interesting ideas," but want-

Dalai Lama, Page 12

#### Hidalgo, Nesmith Win 2004 Class Council Seats

By Justin G. Wong

The senior class elected Maria E. Hidalgo as its new president in a special election last week, filling the spot vacated last May when Alvin M. Lin resigned after the class council learned he had plagiarized his campaign platform.

"Our first order of business is to

take care of the career fair," Hidalgo said. "We only have a week and a half to do it, so we have to get everyone on the council up to speed."

The freshman class elected Elizabeth R. Ricker as its president, and dormitory residents elected a new slate of Undergraduate Association

"Get ready for a really fun and

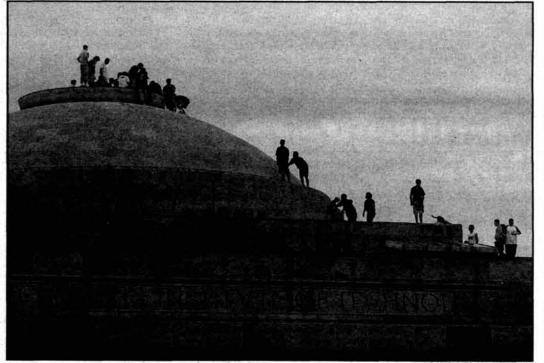
promising year," Ricker said. A drop box for suggestions from freshmen, a classwide study break, the resolution of freshmen scheduling conflicts, a semi-formal dance, and the extension of hours at the Lobdell Food Court will be among her goals as class president, she said.

The UA Election Commission, which ran the elections on behalf of the class councils, did not make vote tallies immediately available.

#### Turnout down from March

Turnout in the class of 2004 election was down 19 percent from the regular class council election in March, from 519 students to 417

Elections, Page 15



**SPORTS** 

Members of Zeta Beta Tau ascend the small dome Sunday during a pledge event. Saturday marked the first day freshmen were allowed to accept fraternity and independent living group bids.

### The Boston Globe On MIT's Stata Center

THE BOSTON GLOBE

Is MIT's Stata Center already old before its time?

Will Frank Gehry's wildly over-budget and years-behind-schedule Stata Center for Computer, Information and Intelligence Sciences at MIT prove to be a well-intentioned embarrassment? Signs point to yes.

The still-unfinished Stata Center has been awash in worshipful publicity ever since Analog Devices founder Ray Stata '58 and his wife, Maria, announced their \$25 million cornerstone gift to the institute in December of 1997. At that time the intended completion date was 2000, the announced budget was \$100 million, and Gehry's swirling, off-kilter polished steel, glass, and brick facades still seemed avantgarde. His Guggenheim Museum Bilbao had just opened to almost uni-

MIT brass now peg the budget at \$300 million, although a June press release from a Stata Center supplier put the cost at \$430 million. The completion date is spring 2004. And what once appeared futuristic now looks like a jumbly rehash of existing Gehry piles.

Guggenheim Bilbao begat Gehry's similar-looking Experience Music Project in Seattle, whose lines are echoed in the just-opened Walt Disney Concert Hall in Los Angeles. The current, faddish

Stata Center, Page 14



Jason Mraz pleases the ladies at The Roxy.

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Comics

Page 8

MIT football team beats Framingham State for first win of the season.

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# WORLD & NATION

#### China Sends Troops to Monitor North Korean Border

THE NEW YORK TIMES

REHING

Chinese armed forces have moved into new positions along the country's border with North Korea, to defend an 870-mile-long frontier that is often violated by hungry refugees from that isolated country.

Chinese Foreign Ministry officials confirmed in a statement on Monday that troops from the People's Liberation Army had replaced the police along the border, though they did not confirm Hong Kong press reports that as many as 150,000 soldiers were involved.

The move marks a subtle but significant change in relations between the two communist nations, which fought together against the United States and other nations in the Korean War and still have a mutual defense treaty.

While Chinese officials described the new border arrangements as a routine adjustment, they come at a time when China has exerted new pressure on North Korea to abandon its nuclear weapons program. China is the main sponsor of multilateral negotiations involving North Korea, the United States and three other countries aimed at reaching a negotiated settlement to a standoff with North Korea over nuclear arms.

#### Texas Democrats Return, But a Bit Too Late

THE NEW YORK TIMES

USTIN, TEXAS

The boycotting Texas Democrats returned to the state Senate on Monday for the first time since fleeing to New Mexico on July 28, but not before the chamber quickly adjourned, ushering in a raucous floor rally by the 10 lawmakers and their cheering supporters.

Lt. Gov. David Dewhurst, a Republican who is presiding officer of the Senate, said he had never encountered anything quite like it.

Away from the hubbub, the Senate Republicans issued a new proposed map of congressional districts for next year based on the 2000 Census. Dewhurst presented it as a moderate plan that, he said, could give Republicans two or three seats over the 15 that Texas Republicans have in the House of Representatives in Washington. The Democrats have 17.

On the other side of the capital, the Texas House of Representatives, also under Republican control, advanced its plan that it had passed in a special session. The Democrats have objected to any redrafting that they say would dilute the voting strength of their constituents, and efforts by Republicans to do so sent Democrats of both houses over state lines this summer to avoid a vote. A final plan is most likely weeks from a vote.

#### Chrysler Reaches Tentative Agreement With Union

THE NEW YORK TIMES

DETROI

The Chrysler Group of DaimlerChrysler and the United Auto Workers union said on Monday morning that they had reached tentative agreement on a four-year labor contract.

Terms of the deal were not released, but people close to the negotiations said it would probably preserve health care benefits but scale back some of the wage and pension increases that characterized the last four-year deal, which was negotiated in more prosperous times.

Talks continued with General Motors and the Ford Motor Co. on Monday, but the union fell short in its attempt to reach unprecedented simultaneous agreements with all of the Big Three before their contracts expired Sunday night.

# Appeals Court Delays Recall Election for Minority Regions

THE NEW YORK TIMES

SAN FRANCISCO

A federal appeals court here on Monday delayed the recall vote on Gov. Gray Davis, ruling that the scheduled date, Oct. 7, did not give several counties with large minority populations enough time to replace outdated punch-card voting machines

A three-judge panel of the 9th U.S. Circuit Court of Appeals, all Democrats, said a postponement was warranted because "punch-card voting systems are significantly more prone to errors" than other systems and could lead to an inordinate number of ballots being disqualified.

"This is a critical time in our nation's history when we are attempting to persuade the people of other nations of the value of free and open elections," the judges ruled. "A short postponement of the election will accomplish those aims and reinforce our national commitment to democracy."

The panel, which did not set a new date for the election, said its decision would not take effect for one week to allow for an appeal, perhaps as soon as Tuesday. Proponents of the delay want the election pushed back to March 2, the presidential primary in California, when the punch-card machines will no longer be in use

"This recall has been like a roller coaster," Davis, a Democrat, who was not a party to Monday's legal action, said in Los Angeles. "There are more surprises than you can possibly imagine."

The ruling was condemned by Republicans as a partisan ploy by the Democrats, who it is generally assumed would benefit from a March election because of higher voter turnout in a presidential election year and fading memories of Davis' missteps. Several other legal attempts to delay the election by those sympathetic to Davis had failed.

One of the recall's biggest financial backers, Rep. Darrell Issa, a Republican from San Diego, called Monday's decision a "judicial hijacking of the electoral process."

Officials from a pro-recall group backed by Issa said they would request an emergency stay of the ruling from the U.S. Supreme Court, though the court is not in session and it was unclear if or when the justices would take up the matter.

"The voters deserve finality," said Thomas Hiltachk, a lawyer for the group, Rescue California, which represents the recall's original proponent, Ted Costa. "We need, and the voters deserve, to know sooner rather than later if this election is going to happen."

Hiltachk accused the three judges of "making up" and "twisting" facts to reach their conclusion, particularly in arguing that about 40,000 voters in the punch-card counties would be disenfranchised because of anticipated problems on Election Day.

"They simply ignored the evidence that was offered to them," Hiltachk said.

Dr. Henry E. Brady, a professor of political science and public policy at the University of California, Berkeley, defended the ruling, which was based in part on his analysis of various voting systems. In filings with the court, he predicted that about 1 percent of votes cast on Oct. 7 would not be counted because of errors with the punch-cards, more than double the error rate of other systems.

"If that doesn't sound like a lot," Brady said in an interview, "I think people should think how they would feel if they went to an ATM, and one out of 100 times it took an extra buck from them. I think people would be upset about that."

# Illinois Might Purchase Drugs From Canada, Saving Millions

By Monica Davey

THE NEW YORK TIM

CHICAGO

Gov. Rod R. Blagojevich of Illinois is considering whether his state should begin buying prescription drugs from Canada for its employees, a decision that, he says, could save tens of millions of dollars, but could also put him at odds with the Food and Drug Administration over the issue.

"It doesn't matter where you go in our state, you meet people who are struggling with the cost of prescription drugs," Blagojevich, a Democrat, said in an interview on Monday afternoon. "If you can buy the same drug made by the same company, and it is safe and it costs less, then that makes sense."

Illinois taxpayers spent \$340 million this year, a 15 percent increase over last year, to provide drugs for 230,000 current and retired state employees, the governor said. That figure is projected to grow by 17 percent next year.

The cost of prescription drugs in Canada and most other industrialized countries is regulated by the government, unlike in the United States. Last year, drug prices in the United States were 67 percent higher than in Canada, a report by a Canadian health agency found.

But the FDA bars people from importing drugs that have not been approved by the agency, and bars the resale of drugs made here, exported elsewhere, then returned here.

Situation for Noon Eastern Daylight Time, Tuesday, September 16, 2003

"We're concerned about the dan-

gers here," said William K. Hubbard, associate commissioner of the FDA. He said there could be risks from drugs bought in Canada, including those not approved by the FDA and not made in the United States, those that have expired or were improperly stored and those without labels.

On Tuesday, agency officials plan to meet with Mayor Michael J. Albano of Springfield, Mass. Springfield began buying drugs in Canada this summer for those of the city's 7,000 workers and 2,000 retired workers who chose the optional plan.

Depending on how many workers participate, the city could save at least \$4 million a year, Albano said. So far, he said, some 1,000 employees have signed up.

## WEATHER

#### Calm Before the Storm

By Nikki Privé

A cold front is expected to sweep across the eastern United States today, bringing clouds and showers to the area. Skies will clear overnight as high pressure settles over the region on Wednesday, with mild temperatures and plenty of sunshine. Enjoy the pleasant weather tomorrow, as the end of the week will be unsettled by the approach of Hurricane Isabel.

Although Isabel has weakened somewhat in the past 48 hours, the storm is still extremely powerful, with sustained winds near 125 mph as of Monday afternoon. The hurricane is expected to accelerate to the northwest. Because Isabel is expected to approach the coast at a sharp angle, a small deviation from the forecast track could greatly shift the location of landfall, so that much of the coastline from South Carolina to Rhode Island is threatened. Although the ultimate location of landfall is uncertain, there is good agreement among models about the path of the storm. The majority of forecasts predict that Isabel will be steered by a large trough over the east coast to make landfall over the mid-Atlantic states, tracking over the outer banks of North Carolina on Thursday, then travelling over eastern Virginia and Maryland up into Pennsylvania. Although hurricanes weaken quickly after making landfall, they can still cause considerable damage inland with flooding, strong winds, and sometimes tornados. Local effects in the Boston area will include squally weather on Friday, with gusty winds and rain showers.

#### Extended Forecast

Today: Rain likely, highs in the mid 70s F (24°C). Tonight: Gradual clearing. Lows around 60°F (16°C).

Wednesday: Mostly sunny and mild, with highs in the lower 70s F

(22°C). Lows in the upper 50s F (14°C).

Thursday: Cloudy, becoming breezy late. Highs around 72°F (22°C). Friday: Windy, cloudy, possible showers. Highs in the low 70s F (22°C).

# Weather Systems | High Pressure | Weather Fronts | Precipitation Symbols | Snow Rain | Showers | V | V | Committed by MIT | Controlled by MIT | Committed by MIT | C

# Net Providers Caught in Middle Of Battle Over Music Copyright

By Seth Schiesel

As the recording industry pursues its lawsuits against those it says are digital music pirates, SBC Communications has emerged as the only major Internet service provider that has so far refused to identify computer users whom the industry suspects of copyright infringement.

Since early July, major highspeed Internet providers — including BellSouth, Comcast, EarthLink, Time Warner Cable and Verizon have complied with more than 1,000 subpoenas from the record industry's lobbying arm, the Recording Industry Association of America, to turn over the names of their customers who are otherwise known only by the murky screen names and numeric Internet Protocol addresses used in cyberspace.

But SBC, the number two regional phone company and a major local telecommunications service provider in the Midwest and West, has received about 300 such subpoenas and has refused to answer any of

them. It has stuck to that position even though Verizon, the biggest local phone company — which has most of its customers along the East Coast — lost a major lawsuit this year against the recording industry.

The contrast between SBC's stance and that of its peers illustrates how Internet providers have been caught in the middle of the music industry's pursuit of individual music swappers. Their range of responses underscores the complexities of the legal landscape in this new area of law, the mounting tensions between copyright enforcement and privacy, and the limits of technology in tracking down cyberspace pirates.

In the Verizon case, a federal judge in Washington ruled that the Digital Millennium Copyright Act of 1998 required the company to reveal the identities of its customers even though the industry's subpoenas had not been individually reviewed by a judge. Oral arguments in Verizon's appeal are to be heard on Tuesday by a federal court in Washington.

Most big Internet providers think

that the original decision in the Verizon case essentially validated the subpoenas that the recording industry sent to other companies. SBC, however, has taken the offensive and filed its own lawsuit against the recording industry group in California.

"We are going to challenge every single one of these that they file until we are told that our position is wrong as a matter of law," James D. Ellis, general counsel for SBC, said on Monday in a telephone interview.

Ever since the Telecommunications Act of 1996 remade the communications industry, SBC has been considered by far the most legally aggressive of the nation's major communications companies. Ellis is scheduled to testify on Wednesday about the copyright subpoenas before the Senate Commerce Committee. With about 3 million high-speed data customers, SBC is the United States' number one provider of broadband Internet access using digital subscriber line technology, which uses telephone wires.

# Scientists, Supported by Microsoft, To Assemble Online Atlas of Brain

THE NEW YORK TIME

Backed by millions of dollars in financial support from Paul G. Allen, a founder of Microsoft, a team of scientists has set out to pinpoint the roughly 20,000 genes responsible for building and operating the human brain. From there, the scientists will put together a highly detailed atlas of the mammalian brain and make it available to the public through an online database.

To accomplish that goal, they are relying heavily on the genome of the common mouse, which genetically bears remarkable similarities to humans.

"It's almost embarrassing when you think about it," said Dr. Mark Boguski, director of the Seattle-based Allen Institute for Brain Science, which is leading the effort. "But we share 99 percent of our genes with mice."

Finding genes in mice that control how the brain develops and functions could help scientists find new drugs for neurological diseases and achieve a greater understanding of human behavior, say scientists involved with the project, called the Allen Brain Atlas.

The human genome contains about 30,000 genes. All but 300 of them have a functional counterpart in the mouse genome. That genetic bond will allow Boguski and his team at the Allen Institute, founded recently with a \$100 million donation from Allen, to study gene expression in the mouse brain and transfer the results to humans.

"If we can understand gene expression in the brain, we can learn so much about neurological diseases and the genetic component to human behaviors, like emotion," Allen said.

The team's first step is to identify which genes are active in different regions of the brain — a daunting task, since an estimated two-thirds of the mouse and human genomes play some role in brain activity.

"It's like trying to build a coffee table from 30,000 pieces of furniture without an instruction manual," Boguski said. "We don't know which parts are needed, but as we build the table we will gain functional information into how the pieces work."

When all of the pieces, or genes, are identified, the team can assemble a gene expression map of the brain. That will allow scientists to detect neural functions like emotion, memory and language, and determine how they are encoded in the genome.

If a gene with a previously

unknown purpose appears active in a part of the brain responsible for mood, for example, then it becomes a target for manic depression and other mood disorders, Boguski said. Knowing which genes are expressed in the brain and the roles they play could conceivably open the door to new drug targets for an array of neurological diseases — schizophrenia, Alzheimer's and autism, to name a few.

Experiments that involve manipulations of the human brain often are dangerous and inappropriate, but the same projects with the genes of mice can be simple and revealing, scientists say.

The Allen Institute's brain atlas will not be the first. A handful of others exist, but most are based on brain scans rather than on gene expression maps.

Since 1999, the National Institute of Mental Health has financed an effort to create a brain map using the mouse genome, the Brain Molecular Anatomy Project, or BMAP. But the Allen project has goals on a bigger scale, said Dr. Thomas Insel, director of the mental health institute. While the anatomy project can analyze 600 to 800 genes a year, Boguski's team is shooting for about 10,000 genes a year.

# A Doctor's Discretion: What Happens When a Doctor Finds a Family Secret

THE NEW YORK TIME

A group of health professionals were evaluating potential donors for a kidney transplant recently when they received a surprise. Through routine genetic testing, the group inadvertently learned that one of the adult children was not the child of the man with kidney failure.

The transplant team struggled with the question of what to do with this information. Should the family be told? To whom did the knowledge belong? Was it ethical to use the child's kidney without telling him?

Keeping family secrets used to be a routine part of medicine, but over the past few decades, as patient autonomy and informed consent have come to dominate clinical practice, disclosure has become more commonplace. Every now and then, however, physicians confront complicated family secrets. What they should do about them is far from clear.

A group of health professionals re evaluating potential donors a kidney transplant recently

Much of the earlier secrecy stemmed from the Hippocratic Oath, the code that stresses doctorpatient confidentiality.

This principle led generations of doctors to keep their mouths shut. For example, psychiatrists preserved the confidences of patients who threatened potentially violent actions against family or friends. Similarly, physicians concealed venereal diseases, even when patients' spouses were at risk of infection.

But in the 1970s and '80s, as American society increasingly questioned the authority of doctors and promoted individual rights, things changed. Thus, in the 1976 Tarasoff case, a court in California ruled that a psychiatrist should have disclosed his patient's homicidal thoughts to the man's girlfriend. The woman, never warned, had been killed by the patient.

As AIDS spread, states passed laws to require notification of partners, something previously recommended only for venereal diseases. Doctor-patient confidentiality was no longer absolute if others were at risk.

But as the case of the kidney transplant shows, the boundaries of such disclosures are not always clear. Incidental information obtained about false paternity during transplant screening, warns Dr. Francis L. Delmonico, a professor of surgery at the Harvard, can be "a disaster for a family."

If a test is conducted in connection with a possible transplant, Delmonico says, a good case can be made for concealment. That is what occurred in the recent case: The patient did receive a kidney from his nonbiological son.

Linda Wright, an ethicist at the University of Toronto, pointed out the potential advantages of such secrecy in the journal Seminars in Dialysis, noting that disclosure could stigmatize the child, direct anger at the mother or compel the child to withdraw as a kidney donor.

#### Retirees Object to Feared Loss Of Drug Benefits

THE NEW YORK TIMES

WASHINGTON

As Congress works on legislation to cover prescription drugs under Medicare, lawmakers have been deluged with complaints from retirees who fear losing drug benefits they already have from former employers.

Some lawmakers say this issue is emerging as the most immediate threat to the legislation.

Congress is frantically seeking ways to address the concern, by offering tax credits, subsidies or other incentives for employers to continue providing drug benefits to retirees. The tax credits would be available to employers who maintain drug coverage or supplement what Medicare provides.

Medicare generally does not cover out-patient prescription drugs. Some employers voluntarily provide such coverage though they are not required to do so.

In the last month, members of Congress say they have realized that any Medicare drug benefit they may approve will have a profound effect on the health coverage provided to retirees by their former employers.

Rep. Michael Bilirakis, R-Fla., who is chairman of the Energy and Commerce Subcommittee on Health, said his constituents were "up in arms" over the possible loss of retiree health benefits.

"If we don't have a plan to keep that from happening," Bilirakis said, "we will catch an awful lot of flak." He said he feared a repetition of events in 1989, when elderly people forced Congress to repeal a law charging them extra for Medicare coverage of catastrophic medical expenses. Many retirees already had such coverage.

#### Winfrey's Trainer Is Helping Mcdonald's Cut Calories

THE NEW YORK TIMES

How many footsteps would it take to burn off the calories in a supersize Big Mac value meal? Bob Greene, Oprah Winfrey's personal trainer, may soon have the answer.

Greene, who helped Winfrey lose weight again and again, has pledged to help Americans get in shape — at McDonald's.

Executives at the company are scheduled to announce Greene's new role on Tuesday in Indianapolis, where he will endorse the restaurant's food for the first time.

Greene will be promoting the Go Active Meal, a \$4.99 adult version of the Happy Meal, which comes in a supersize Happy Meal box and has a salad and a bottle of water or a medium fountain drink. Dessert? The meal includes a clip-on pedometer, to encourage customers to increase daily walking, and a 10-page booklet with exercise tips from Greene. The meal is part of a pilot program in several Indiana cities.

"I view McDonald's as the largest provider of food in the world, and it is such an enormous opportunity when they are interested in talking about healthy lifestyles and offering really healthy meal choices," said Greene, who will also help McDonald's develop educational tray liners that promote health and fitness. "I'm definitely on board and very excited about it."

Greene's appointment is McDonald's latest attempt to recast itself as a purveyor of healthy food in the face of criticism that fast-food companies have contributed to the increasing number of obese people. In March, the company introduced a line of salads, topped with Newman's Own salad dressing. In Britain, McDonald's is selling fruit bags with children's Happy Meals.

#### Senior U.S. Official to Level Weapons Charges Against Syria

THE NEW YORK TIMES

WASHINGTON

The Bush administration says that despite pledges, Syria has not stopped militant "volunteers" from crossing into Iraq to kill U.S. soldiers.

In testimony prepared for a House hearing on Tuesday, John R. Bolton, undersecretary of state for arms control, says that the administration also remains concerned about what it sees as Syria's continuing support for terrorist groups like Hamas, and what administration officials say is the country's ambitious program to develop chemical, biological and nuclear weapons.

But Bolton's testimony says there is "no information" that Syria has transferred unconventional weapons to the terrorist groups it is said to harbor and support. He also says the administration "has been unable to confirm" reports that Iraq covertly transferred weapons of mass destruction to Syria "in an attempt to hide them from United Nations inspectors and coalition forces."

Syria has denied it has unconventional weapons.

#### East Coast Braces For Hurricane Isabel

THE NEW YORK TIMES

KITTY HAWK, N.C.

The East Coast girded for the worst on Monday as Hurricane Isabel, its maximum sustained winds easing to a still-powerful 125 miles per hour, churned up the Atlantic. Weather officials said that if the storm stayed on track, it would slam into the fragile Outer Banks of North Carolina in three days and grind on up Chesapeake Bay.

As emergency-management officials from South Carolina to Massachusetts activated disaster plans, the Navy ordered 40 warships and submarines in Norfolk to put to sea on Tuesday, the Air Force ordered fighter jets at coastal bases to fly inland as far as Oklahoma, and the governor of Virginia declared a state of emergency.

For longtime residents of coastal communities who know to monitor weather reports and Web sites come September, preparations for Isabel were already well under way over the weekend, a result of a new government effort to provide five-day forecasts of hurricane movements.

# **OPINION**



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#### MEANWHILE BACK IN AFGHANISTAN ...





#### **Opinion Policy**

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, opinion editors, a photography editor, and

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. The Tech reserves the right to edit or condense letters; shorter letters

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# A Master Plan to Save Downloading

Vivek Rao

Am I really having this conversation? Am I actually discussing with a friend how maybe it's time for people to start cutting back on the music downloading now that the threat of being caught and disciplined is finally tangible? Where did everything go so horribly wrong?

Just four or five years ago, as a sophomore and junior in high school, the MP3 entered my life. I'm not your typical MIT student; my technological prowess and awareness are stunningly limited, and it took me a bit longer to catch on than most, but once I finally grasped the notion that I could use Napster to bring just about any song I could think of onto my own computer, I was hooked. In retrospect, my dial-up connection at home was painfully slow, but at the time, ignorance was bliss. Downloading music at snail's pace was still infinitely faster than my previous alternatives, and I'd snag three or four songs a day for months on end.

Within no time, acquiring free music via the Internet became second-nature to the point that I dared to think of what I had done years before. College and Ethernet transformed this activity into a higher art form, and the idea that I could actually start playing a song just seconds after it popped into my mind was as stunning as it was heavenly. Dreams of slowly amassing a vast collection of music over the course of my lifetime filled my head on occasion, and nothing it seemed, would ever get in the way. Until recently.

Fast forward to 2003, and the Recording Industry Association of America slapping lawsuits on some 261 of the nation's most prolific music pilferers (yes, music downloading is, sadly, a form of theft). My gut instinct - that the likelihood of being named by the RIAA is tiny, at most — finds justification in the statistics. According to some reports, MP3 file sharers are more likely to get struck by a bus than they are to face legal action for their use of KaZaA, Morpheus, and other services. To my knowledge, even in my most frantic moments, the only part of the MBTA Number I likely to hit me is the nasty pollution. Still, my curiosity is in the future. At some point, regardless of how convenient, functional, and entertaining music downloading is, its repercussions, both legal and moral, must be weighed carefully.

There are a number of people out there who view the RIAA as nothing more than a greedy organization determined to squeeze the common man, and this perception has only been strengthened by lawsuits against children as young as 12 years old. However, in actuality, we must bring ourselves to understand the fact that the recording industry has been dealt a serious blow by the advent of the MP3, and as it staggers along, it is only natural that it attempt to fight back by making copyright protection mechanisms as effective as possible. This is not to say that everybody responsible for filing the recent lawsuits is struggling to put bread on the table, but for every stunningly rich yet disgracefully greedy band like Metallica, there are hundreds of artists out there who could really use the additional revenue that would stand to be generated by increased CD sales.

I already know the argument that's on the tip of your tongue. You're going to tell me that music downloading actually enhances record sales by exposing people to music with which they might not normally be familiar. While there's some truth to that, I ask you to be reasonable. Many people will purchase around, say, a half dozen CDs per year, and granted, at least half of them they probably would not have splurged on were it not for hearing the songs through the Internet. But think of the fiends out there - trust me, everybody knows a handful of these people who download and download until the cows come home, while never "wasting"money on actually buying a disc or two. Get enough of those people online, and it's easy to see why the music industry is up in arms.

I'm not about to sit here and wax poetically on the merits of abandoning music downloading and embracing a purer, more consciencefriendly lifestyle. In fact, I've got some Green Day and Bob Marley queued up as I type this article. However, what I am looking for is a more satisfying solution to this entire problem. The answer does not appear to be in the haphazard lawsuits being flung around by the RIAA, nor does it seem reasonable for people to continue to download at will without artists receiving any compensation.

The solution came to me the other day. What if downloaders paid the RIAA an annual fee, somewhere on the order of \$50? In return, they would be permitted not only to download at will, but also to receive \$50 in credit towards the purchase of music CDs, cassettes, and any other medium the future may provide.

The effect of such a system would be to encourage a baseline of spending on music, while also allowing legal efforts to be focused against those downloaders who enter a record shop only to stock up on CD-Rs.

The industry would be happy. True music lovers would be able to download and buy with a free conscience. And the scrubs would face the legal music. Think about it; it actually

# **VVe Can't hear** Write opinion for *The Tech!*

<opinion@the-tech.mit.edu>

Mind and Life: Where Was the Debate?

#### Andrew C. Thomas

I had the opportunity to attend the Mind and Life conference this past weekend in Kresge. After sitting through what was lauded as a groundbreaking symposium on the study of the mind, I confess, I was left a bit uncomfortable by the whole experience.

An immense amount of preparation went into this effort, on the part of the Whitehead, McGovern, and Mind and Life Institutes. Many discussions were prepared ahead of

time; many large concepts and small details were quibbled. And the finished product was quite well executed by all measures.

I just wonder if it was nearly as long as it needed to be - or if more could have been done in the time available.

Buddhists have a respected intellectual and investigative tradition that has endured for thousands of years. Science is that by definition. So one wonders whether much was gained intellectually by the conference other than photo-ops with the Dalai Lama.

Now, that's not to say that the opportunity to

watch and, for some, participate in a discussion with a religious leader was abused. Hearing His Holiness cough opportunely, which may have been intended comedically, was enough illumination for many, including myself.

The science presented was valid; the attitudes were strongly geared toward the asking of questions. Professor Eric Lander, molecular biologist, genome researcher, and my personal hero, made the point that some of the best science that has been done was the recomposition of important questions. One might argue that it would have come about

from dedicated concentration, an idea which is well practiced in Buddhist meditation, or good, old fashioned creative thinking, celebrated by the most sensible and the maddest of scientists

But my strongest objection was that it was just, well, too calm. I wasn't exactly expecting it to come to blows or anything - especially from the world's greatest authority on nonviolence - but somehow I thought there might be space for a little argument rather than a calm, orderly, and good-humored dis-

Maybe that's because the speakers who participated were among the most openminded in their fields, including Lander, whose picture is next to the word "interdisciplinary" in the MIT dictionary; B. Alan Wallace, a Buddhist scholar, who I found the most entertaining of the lot; and between them the ever-smiling Dalai Lama, who has struck many scientists and religious figures with both his inquisitive openmindedness and his strong devotion to the faith he leads

So I started to wonder if I'd come to the only rigged table in the casino, where the house will always win

There was too much love in the room, I thought. Way too much. Everyone was far too welcoming to suggestions, to possible directions of research, to offers of future collaboration.

Plenty of progress has already been made between these collaborators to this point, though I grant it was in advance of the symposium. In addition, I suspect that very few people in the audience needed much convincing about a collaboration of Buddhism and science.

Oddly, each of the four sessions seemed both repetitive and too short. It seemed there were a wealth of arguments that could have been brought up on both sides and debated, but instead they were left unspoken.

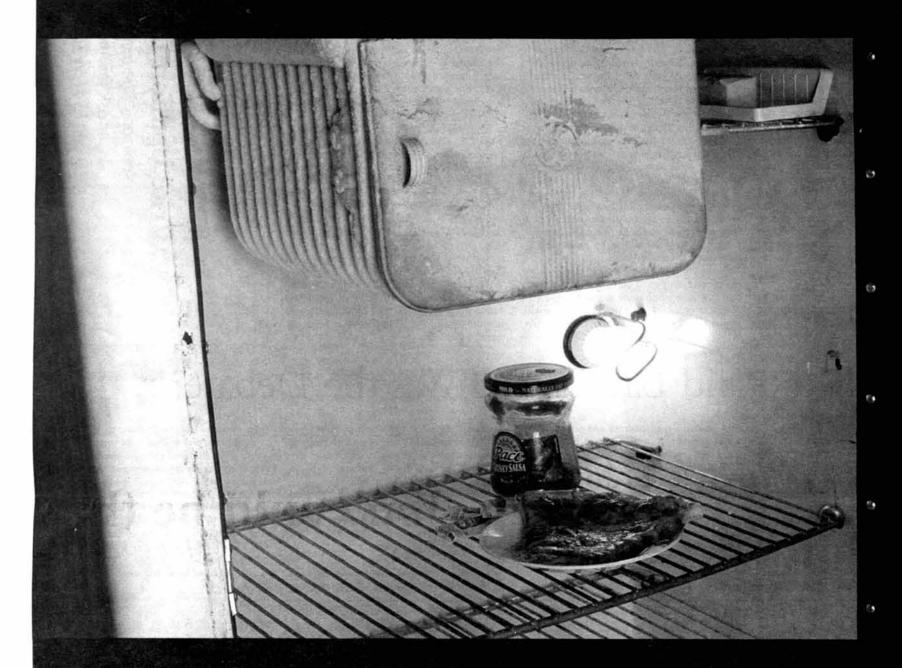
One reason for argument is clear; from one point of view, the scientists seemed to have the upper hand. Most of the discussion took place from a scientific point of view, which is not surprising considering the venue. Experimentation, data preparation, and objectification of subjective data were all common themes. In this way the Buddhists were very accommodating, though as Harvard Professor Jerome Kagan pointed out, it's very difficult, if not impossible to describe any kind of spiritual experience in the crude language of

The events this weekend were an important beginning. If any open-minded scientists and Christian scholars want to start a similar debate over these same issues on the stage of Kresge, I'll be there in the front row. With less common ground to be shared for that debate, I'd be curious if a fight would break



From left to right: Professor Eric Lander of the Whitehead Institute, the Dalai Lama, and Professor Richard Davidson of the University of Wisconsin-Madison join hands at the conclusion of the Mind and Life conference on Sunday afternoon in Kresge Auditorium.

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# ARTS

#### **CONCERT REVIEW**

# Mraz Is the Remedy

#### Mraz and Stephen Kellogg Put on a Mellow Show

By Ravi Kapoor

Jason Mraz and Stephen Kellogg The Roxy Sept. 3, 8 p.m.

If I had a nickel for every time a woman screamed, thinking that Jason Mraz was singing only to her and not an entire crowd, I'd put Bill Gates to shame. As soon as I entered the Roxy, I thought I had stumbled upon a brothel. As I stood in the audience staring at the disco ball like the stoner next to me, I pondered how this concert would go down. Since I am a veteran of only rock and punk concerts, this was a bit of a deviation from my normal experience. I imagined Jason Mraz could tour and open for Dave Matthews Band, John Mayer, or Incubus.

I heard what seemed to be the voice of God whispering that Liz Phair was going to open for Mraz. Then two men walked out on stage. The man that looked short and scrawny I deduced to be the singer. He picked up an acoustic guitar and headed towards the microphone. As the taller of the two sat down behind the keys, I wondered when the rest of the band was coming out but soon discovered that this was the entire band. The emaciated figure that almost disappeared behind the microphone stand was Stephen Kellogg, a local artist who used to play Faneuil Hall. While I did not find his music particularly engaging, I was impressed that Mraz chose Kellogg to open for him.

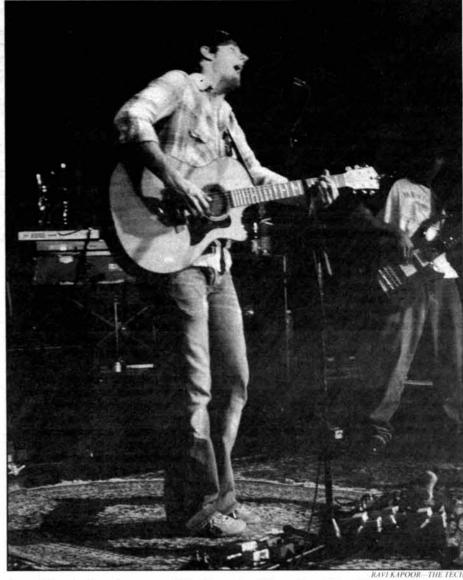
Stephen Kellogg played an entirely acoustic set, but the energy and showmanship made up for the softer music. I was particularly happy that the setup time between sets was short since Kellogg only had to take off a guitar, keyboard, and bass.

When Jason Mraz came out, I was not prepared for the stampede of high heels towards the stage. I perched myself up on the stairs alongside of the stage (the only place besides the floor I was allowed to go, the bastards).

Despite my aversion towards the crowd, Jason Mraz and accompaniment put on a truly amazing show. The vocals were perfect; he is a natural singer. I had only heard two songs from his album — "The Remedy" and "You and I Both" — so I was surprised when he began to scat. I knew he was a mellow rapper with a guitar and could freestyle like no other, but I had no idea he could scat and sing.

Mraz played practically every song off of his album, but the show lasted much longer, especially the encore. I covered my ears while the high-pitched screams sustained long after the band left the stage. A few minutes later, Mraz and the band came back out and did a 15-minute encore. Every musician busted a solo while Jason Mraz ran around stage with a Polaroid taking pictures and launching them into the audience.

I left the Roxy with a strange feeling. While I enjoyed the music and the variations of Mraz's songs, I didn't feel tired from jumping around or moshing. I guess a chill concert like the one I had just experienced suits a lot of people, but unfortunately I didn't feel at home. I am just an addict when it comes to high energy, loud, distorted music. But if for someone who enjoys the occasional, laid-back concert, I recommend catching Mraz when he comes back to Boston in early October.



Jason Mraz belts out a song while strumming his guitar at the Roxy on Wednesday Sent. 3.

#### **RESTAURANT REVIEW**

# Bringing the Sea Closer To You

#### A Fresh and Cheap Do-It-Yourself Sushi Party

**How to Make Sushi Rice** 

Courtesy of Kazunori Maruyama

After cooking the rice in the rice cooker, put

Mix the vinegar, salt, and sugar. Microwave

Sprinkle the mixture on the rice and mix well

4 tbsp of Japanese rice vinegar

it into the bowl and spread it out.

for 30 seconds until dissolved completely.

Cool rice down quickly with a fan.

By Ruby Lam

Sea-to-You 212 Northern Avenue Boston MA 02210 (617) 350-0130

am a big sushi fan and have always wanted to host my very own sushi party at home. Yet, the sushi grade tuna that I can find in the Japanese grocery store at Porter Square is often very expensive. And there is a reason

Ingredients

tsp of salt

Large bowl

Rice cooker

with the rice scoop.

1 tbsp of sugar 3 cup of rice (uncooked)

for it: fish are graded and only the fish with grade A or above can be used for sashimi and sushi. So, don't try to get the \$4.99/lb pink salmon from Costco and try to make sushi out of it!

Over the summer, my new classmate from Japan told me about this fish wholesaler near the pier in Boston. If you know where the No Name Restaurant is, this place is right next to it. It is nothing fancy. It looks like a loading dock from the outside.

When I walked in, I felt like I walked into a huge refrigera-

tor. I didn't quite know what to do because it definitely doesn't look like a grocery store. But if you step into the inner room at the back (a fridge inside a fridge!), you will discover a sushi-fan heaven. You can basically find any

possible fish and other edible sea creatures on most sushi menu.

The basics are tuna (maguro), salmon (sake), yellowtail (hamachi), and flounder (hirame). For a premium, you can find fatty tuna too (toro), which is usually listed under market price on most sushi menus.

The selection of fish roe (tobiko) is indeed impressive. The most common one you see in sushi restaurants is the orange (salmon) one. Here, you can find orange, gold and even black tobiko! Next to the tobiko, you can also

selection Japanese salads, sesame seaweed, octopus sesame jellyfish. For parties, you can order their temaki (assorted fish selections advance for pick up). For \$10 per person, you will get a good selection of tuna, salmon, white fish, and occasionally. salmon roe if you order for at least 4-5 people.

There is a catch though. Since Sea-to-

You is a wholesaler that supplies many local Japanese restaurants, they only do retail on Saturdays. And like most markets, early birds get better selection so plan to go early on Saturday.

Call Nightline
DEF TUV TUV OPER OPER

# You could be the next Roger Ebert!



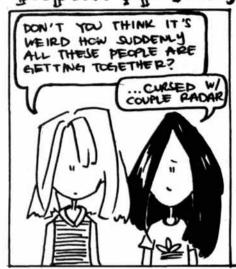
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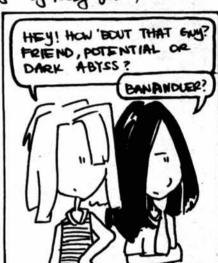
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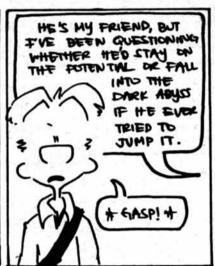








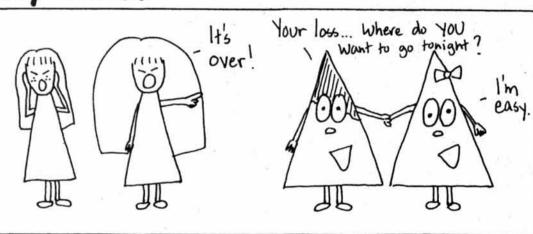






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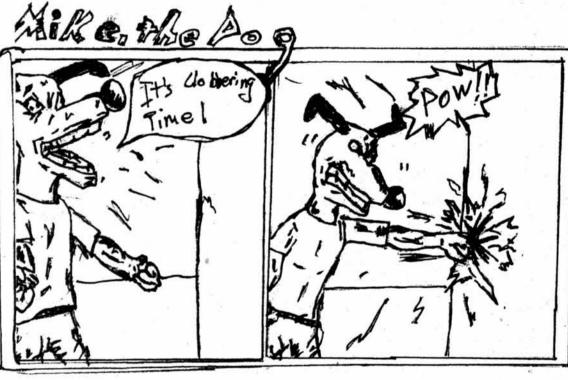
by, Qian Wang + Jennifer Peng



For those of you who hated Nacho Man.



-Jpenn





At that monent Mikey roalized he was not the Thing...





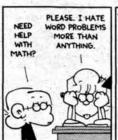






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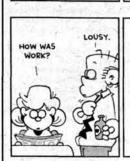
#### **FoxTrot** by Bill Amend



30 CENTS, HOW MUCH DOES ONE ORANGE COST?





















4 Ernie of the links

8 Classroom furniture

10 Source of security

11 French town west of

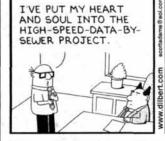
5 Short jaunt

psyche Model T or T-bird

9 Used deal

6 Division of the

# Dilbert® by Scott Adams



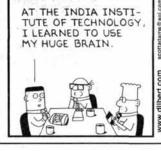
BUT I BELIEVE IN DEVELOPING OUR TALENT POOL. SO I RECOMMEND PUTTING ASOK IN CHARGE OF THE PROJECT. I WILL BE HIS MENTOR





LUCKILY, I'M AN I.I.T. GRADUATE, MENTALLY SUPERIOR TO MOST PEOPLE ON EARTH, SO I FINISHED THE PROJECT MYSELF









- **ACROSS** 1 Easily offended
- person
- 9 Scamp
- 15 Moral fable 16 Main dish
- 17 Sticklers
- 18 Eyeball cover
- 19 Lager alternative 20 Man from Tulsa
- 22 Hole enlarger
- 26 Missile garage
- 27 Mel of Cooperstown
- 28 Of the inner lining of
- a vein 30 For each
- 31 Modernist's prefix
- 32 More humid
- 34 Passing crazes
- 35 Mugged for the
- camera 39 Dress for Indira

- 47 Little legume
- 52 Capital of Latvia
- 54 School themes
- 55 Introduced a new
- 59 Enliven
- 60 Of a metabolic disorder
- 64 Moistening device
- 65 Rude 66 Falls as ice 67 Light knocks

#### DOWN

1 African journeys

solutions. The correct puzzle and last Tuesday's clues are printed above.

- 2 Luxurious 3 Optimistic

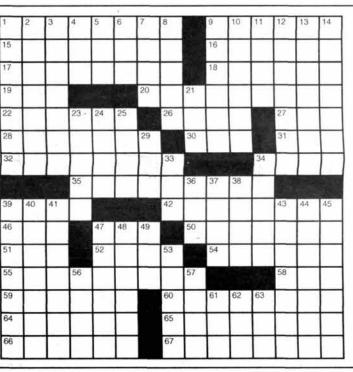
- 42 "Chinatown" director
- 46 Signal
- 50 Slave
- 51 Trajectory

- product
- 58 Shad delicacy
  - Caen 12 Amati's hometown
    - 13 Ventilated

Editor's note: In our Tuesday, Sept. 9, issue, the crossword puzzle did not match the clues or the

- 14 Simple outbuildings 21 Insolent talk
- 23 Marlins' home
- 24 Poet Lazarus
- 25 SWAT team attack
- 29 Confederate general 33 Talk informally
- 34 Makes an effort to
- resist 36 Watch accessory

- 37 Shaving-cream ingredient
- 38 Fires 39 Egyptian beetles
- 40 Of the dawn 41 Shut back up again
- 43 Spruce (up)
- 44 Knocking out
- 45 Bugs 47 Lock in the dials
- 48 Ducks for down
- 49 Before now 53 Look over the ledger
- 56 Pipe sealant
- 57 Turner or Louise
- 61 Cleopatra's snake 62 "\_\_ 'til You Drop"
- 63 Inventor Whitney





Do you like to make people laugh? Are you a good cartoonist? Are you just bored?

JOIN THE TECH!

## **Events Calendar**

Events Calendar appears in each issue of The Tech and features events for members of the MIT community. The Tech makes no guarantees as to the accuracy of this information, and The Tech shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

#### Visit and add events to Events Calendar online at http://events.mit.edu

10:00 a.m. - Admissions Information Session. Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Groups over 15 people need to make special reservations. Free, Room; Admissions Reception Center, Sponsor; Infor-

10:00 a.m. - 11:00 a.m. - MIT/WHOI Joint Program Coffee-Donut-Bagel Hour. An opportunity for MIT and WHOI based students to interact on the days when Joint Program classes are held in Woods Hole, Tuesdays and Thursdays throughout the semester. Room: Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHOI Student Organization. GSC, EGSAC.

10:45 a.m. – Campus Tour. Student-led campus tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Free. Room: Lobby 7. Sponsor: Information

11:00 a.m. - 3:00 p.m. - Giveaways and Libraries Information. Free. Room: Strat Student Center, Soonsor: MIT Libraries Communications Program

12:00 p.m. - 1:00 p.m. - Stellar Quick Start. Stellar 1.4, the latest release of MIT's online teaching and learning management system, enables instructional staff to easily create a class Web site while offering students easy access to class information. This session will demonstrate how to use Stellar's Instructor Toolset to securely post class teadings and announcements, manage homework assignments and submissions, facilitate online class discussions and more. For further information, see:

http://steilar.mit.edu/ Room: N42 Demo Center. Sponsor: Information Systems.

1:00 p.m. - 5:00 p.m. - TA's: K, J. J=Jessica, K=Kevin. Free. Room: Project Lab. Spon-

2:00 p.m. - Admiss ons Information Session. Free. Room: Admissions Reception Center (Building 10, Room 10-100), Sponsor: Information Center

2:30 p.m. - 3:30 p.m. - Complex Pattern Formation in Two-Phase Microfluidic Devices. Free, Room: Building 2, Room 2-338, Sponsor: Physical Mathematics Semin 2:45 p.m. - Campus Tour. Free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachu setts Ave). Sponsor: Information Center.

3:00 p.m. - 4:00 p.m. - MITea Time — Culture Exchange — English Chinese Class Our free English class is good for new comers to get start their English conversations in a very friendly environment. It is also good for people who have interest on learning the American culture, American life styles, etc. Lots of interesting topics and discussions will be a good start for your English learning. Feel free to come and have wonderful discussions with our native English-speaking teachers. Refreshment will be served. Free Room: 24-402. Sponsor: Chinese Student and Scholar Association, Graduate Student Council. Sponsor by MIT CSSA and GSC.

4:00 p.m. - Varsity Women's Tennis vs. Clark. Free. Room: DuPont Tennis Courts/JB Carr Tennis Bubble, Sponsor; Physical Education.
4:00 p.m. – MechSeminar:Which are the Best Sealing and Drainage Systems for the

new Railway Tunnels of the AlpTransit Projects?. Free. Room: 1-350. Sponsor: Englneering & Environmental Mechanics Group.

4:00 p.m. - 5:00 p.m. - Nuclear Theory Seminar. Effective Theories of Dense Hadronic Matter. Free. Room; Center for Theoretical Physics. Sponsor: Laboratory for Nuclear Sci-

4:15 p.m. - 5:30 p.m. - GTL Seminar Series. Design of An Actively Stabilized, Near Insentropic Supersonic Inlet, Free, Room: 33-206, Sponsor: Gas Turbine Laboratory 5:00 p.m. - 7:00 p.m. - MIT Germany Program Orientation. Free. Room: E38-714. Sponsor: Center for International Studies

5:00 p.m. - 6:30 p.m. - Smart Resumes, Cover Letters and CVs. Learn the fundamentals ofcreating strategic resumes, coverletters and CVs. Please register for this work shop at http://web.mit.edu/career/www/workshops.html. Free. Room: 4-163. Sponsor: Career Services Office.

6:00 p.m. - 7:00 p.m. - the mit e-club weekly tuesday meeting. the regular weekly tuesday meeting of the mit entrepreneurs club, aka: the e-club, an mit service organisa tion, where students, faculty, staff and alum gather to pitch, hear, crit and discuss their new science and technology start-up ideas, network, build 50k or independent founders teams, and more; stay for our mit 6-credit seminar sem.095 on tech start-ups Free Room: 56-114. Sponsor: Entrepreneurs Club.

6:00 p.m. - Varsity Women's Field Hockey vs. Salve Regina. Free. Jack Barry Field. ponsor: Physical Education.

6:30 p.m. - "Motopia". Architecture lecture by Jennifer Siegal, Office of Mobile Design, ce, CA. Free. Room: Rm 10-250. Sponsor: Department of Architectu

6:30 p.m. - 8:30 p.m. - Mexican Movie Night. Sergei Eienstein's "Que Viva Mexico. Room: 4-237. Sponsor: Mexican Student Association, GSC Funding Board. Mexican Consulate Boston.

7:00 p.m. - 8:00 p.m. - Graduate Student News Meeting. Free. Room: 50-220 (Walker Memorial). Sponsor; GSC Meetings.

7:00 p.m. - 9:00 p.m. - Origami Paper Folding — Paper Airplane Contest Prep. The. Humanities Library is sponsoring a paper airplane contest ("Real Complex Planes") on September 18, 2003. [Registration begins at 4:30 p.m., and the actual contest is at 5 p.m.] Our plan for the meeting is to \*prepare\* for this event. Come fold paper with us at our bi-monthly, low-key origami sessions. Often one of our more advanced members begins with a short talk about folding theory/research or presents an original model. Our membership consists of many beginners as well as some nationally recognized folders Free. Room: 4-144. Sponsor: Origamit.

8:00 p.m. - 10:00 p.m. - The School of Rock - Sneak Preview! Free, Room: 26-100

9:00 p.m. - 11:00 p.m. - LIVEmusic@theEAR: Lenny Solomon. Lenny Solomon is an accomplished folk musician. He'll be playing solo tonight, getting back to his folk roots. All original songs on the guitar and harmonica. Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub.

#### Wednesday, September 17

8:00 a.m. - 5:00 p.m. - Aerospace/Defense - Industry Sector Symposium. The 2003 MIT Aerospace and Defense Industry Symposium Designed for senior technologists, managers, vice presidents and corporate officers from the aerospace and defense indus tries, this program will highlight many of the developing technologies and issues that will have a significant impact on their industry over the next five years. Emerging research in nanotechnology, autonomous vehicles, RFID, wireless networks, and alternate electric power sources will be presented. Free to MIT community (Advanced Registration Required). Room: Bldg. E51 - Tang Center - Wong Auditorium. Sponsor: Office of Corporate Relations/ILP.

10:00 a.m. - Admissions Information Session. Free, Room: Admissions Reception Center. Sponsor: Information Center

10:45 a.m. - Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center 11:00 a.m. - 3:00 p.m. - Giveaways and Libraries Information. Free. Room: Stratton Student Center. Sponsor: MIT Libraries Communications Program.

11:45 a.m. - 12:45 p.m. - NTT/DoCoMo President and CEO, Dr. Tachikawa. We are pleased and privileged to welcome Dr. Keiji Tachikawa, President and CEO of NTT/DoCo-Mo, to the MIT Sloan School of Management. All of us at the School are most grateful to the students of the MIT Sloan Asian Business Club for their assistance in co-sponsori this exciting kick-off event to the Distinguished Speaker Series. Please plan to join Dr. Tachikawa for an informal lunch afterward in the atrium outside the auditorium. To help us gauge the amount of pizza required, please let us know that you plan to join us for lunch by e-mailing Maria Losurdo, *mlosurdo@mit.edu*. Free. Room: Bartos Auditorium, Media Lab (E15). Sponsor: MIT Sloan Asian Business Club.

12:00 p.m. - 1:00 p.m. - Creating Accessible Navigation for your Web Site. Make your Web site's navigation accessible to the widest possible audience. Pre-requisite: participants should have a basic understanding of HTML. Room: N42 Demo Center. Sponsor:

12:00 p.m. - 1:00 p.m. - Object Lessons: Thermometers - Hot, Cold and Historic, Vis itors will hardly believe the many different kinds of thermometers used to measure something so seemingly simple as temperature. In the Museum's monthly brownbag gallery talk, Deborah Douglas, curator of science and technology, displays rare 19th-century, hand-crafted scientific thermometers. Free. Room: MIT Museum - N52, 2nd Floor.

12:30 p.m. - 1:30 p.m. - Impromptu Speaking: Here's How!. This special Toastmasters meeting is all "Table Topics"! Table topics are short, "off the cuff" speaking opportunities - just like the ones we all face in our work and personal lives every day. Do you get tongue-tied when you have to "think on your feet"? This is the meeting for you! You'll get concrete, expert advice on the art of impromptu speaking, see many speakers in action, and even have the chance to try it yourself! Free. Room: W89 (301 Vassar Street), Professional Learning Center. Sponsor: Toastmasters, MIT Organization and Employee Development, Human Resources

1:00 p.m. - 5:00 p.m. - TA's: S, K. S=Sharon, K=Kevin. Free. Room: Project Lab. Spon-

ation Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

2:00 p.m. - 3:00 p.m. - String Theory Seminar. Mesons in the ads/cft correspondence. Free. Room: Center for Theoretical Physics-Building 6. Sponsor: Laboratory for Nuclear

2:45 p.m. - Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center 3:00 p.m. - 5:00 p.m. - spouses&partners@mit weekly meeting: Autumn in New England. Debbie Samuels, faculty wife, Globe food columnist, and cross-cultural expert will join us to celebrate the fall apple harvest. Come learn how to make fresh apple sauce. carve apple stamps to create prints and more! Debbie knows all about creating a fulfill

ing life in a new place! Free. Room: Westgate Lounge (540 memorial drive). Sponsor:

ing life in a new place: Free. Room: westgate Lounge (340 memorial drive). Sponsor: spouses&partners@mit, MiT Medical, Provost's Office.

3:30 p.m. - 5:00 p.m. - Faculty Meeting. Free. Room: 10-250. Sponsor: Faculty Chair.

4:00 p.m. - 5:00 p.m. - LBGT Student Support Group Information Session. The support groups offer bi-weekly discussions on topics YOU want to talk about. Support and discussions on topics YOU want to talk about. sions for all LBGT and questioning undergraduate and graduate students - not just for coming out. Safe and confidential! Stop by the info session to get more information ar meet some of the support group facilitators. Free. Room: 5-104. Sponsor: lbgt@mit, MIT Medical. Counseling and Support Services.

4:15 p.m. - 5:15 p.m. - Rigged Configurations - A Connection between Physics and atorics. Free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department

5:00 p.m. - 5:45 p.m. – Truman Scholarship Informational Meeting. Informational meeting for Juniors regarding 2004 Truman Scholarship (\$30,000) for students preparing for a career in government, education or other public service sector. Students must be U.S. ens. Free. Room: E51-275. Sponsor: History Office.

5:30 p.m. - authors@mit - Lives in Translation. Being bi-lingual. What does it mean? Living in two languages, between two languages, or in the overlap of two languages? What is it like to write in a language that is not the language in which you were raised? Please join our speakers as they consider these questions with readings from the new book Lives in Translation which Isabelle de Courti tributed. Free. Room: 14S-200 Humanities Library Reading Room. Sponsor: The MIT Press Bookstore. MIT Libraries.

5:30 p.m. - 7:00 p.m. - MIT France Orientation Meeting: Learn about

internships/research/study in France. This is an excellent opportunity for you to learn about internships, research fellowships and study abroad programs in France. Open to all MIT students (undergraduates, graduates, graduating students, postdocs) in any field. Meet returning interns. Free - Pizza and sodas will be served. Room: E38-714. Sponsor: Genter for International Studies, MIT France Program.
6:00 p.m. - 8:00 p.m. - Graduate Christian Fellowship Bible Study. Come join us for

Bible study, prayer, and fellowship! We are currently studying the book of Acts. Free. Room: 66-369. Sponsor: Graduate Christian Fellowship, GSC Funding Board. 6:00 p.m. - 8:00 p.m. - Wednesday Night Dinner. Weekly dinner. Sha friend. For McCormick residents and friends on the guest list. \$6.50. Sponsor

6:00 p.m. - 9:30 p.m. - New Season Kickoff. WEST commits to help each individual member build your own community with trusted people who can support your aspiration. This kickoff party is an excellent opportunity to meet people who want to make greater impact, especially WEST has grown so much in the past season. Hope to see you there! Free. Room: Whitehead Institute — Cambridge, MA . Sponsor: Women Entrepreneur in

Science and Technology.
7:00 p.m. - 8:00 p.m. - Bible Study. Weekly Bible study held by the Baptist Student Fellowship. Free. Sponsor: Baptist Student Fellowship, Baptist Campus Ministry. 7:00 p.m. - 9:00 p.m. - MIT \$50K Teambuilding Dinner. The first MIT \$50K Teambuild. ing dinner! Come meet people with ideas or skills you need! Dinner is included!. Free. om: Walker Memorial. Sponsor: MIT \$50K Entrepreneurship Competition

7:00 p.m. - 9:00 p.m. - Boston Linux & UNIX User Group. Meeting of the Boston Linux/UNIX User Group. Free. Room: 4-370. Sponsor: MIT User Groups. 7:00 p.m. - 10:00 p.m. - TMRC Build Time. These are our normal meeting times, when we build the layout! Free. Room: NS2-118. Sponsor: Tech Model Railroad Club (TMRC). 7:30 p.m. – Ham Radio Exams. The MIT Radio Society's Radio Exam Team offers amateur radio exams on the penultimate Wednesday of each month at 7:30 p.m. in Room 1-150 (there are usually signs posted). This is the place to earn a new license or upgrade your existing license. Technician through Extra Class tests are offered. \$12. 7:30 p.m. - 11:00 p.m. - Israeli Folk Dancing beginners' class. Israeli Folk Dancing Beginners' class from 7:30 - 8:30 p.m., followed by regular teaching and requests until

Group. Free for MIT students; donations welcome. Room: Lobby 13. Sponsor: Folk 7:30 p.m. - 9:00 p.m. - Soldier Design Competition Kickoff Meeting. The Institute for Soldier Nanotechnologies is launching its first annual Soldier Design Competition, where teams compete for \$10,000 in prize money by designing new devices, clothing, or other

technologies to aid the American Soldier. Any member of the MIT community may attend to learn more about Soldier needs and how to get involved in the competition. Free, Room: Room 10-250, Sponsor: Institute for Soldier Nanotechnologies 8:00 p.m. - 10:00 p.m. - IFILM Film Seminar. Screening of a movie followed by a dis cussion. Light refreshments provided. More information (including movie titles) on our Web site. Free. Room: 4-237. Sponsor: International Film Club, GSC Funding Board. 8:00 p.m. - 10:00 p.m. - Weekly Wednesdays. Free wings and an assortment of vegeta bles, sponsored by various departments, residences, and affinity groups, are provided in the Muddy Charles Pub for graduate students to enjoy while catching up with friends and

making making new ones. Students can also enjoy the cheap beverages (including many

non-alcoholic options), Red Sox on the DirecTV, and (new) wireless internet access. Free

Room: The Muddy Charles Pub. Sponsor: GSC Activities. 8:30 p.m. – Mr. Blandings Builds His Dream House (1948). HTC Film Series // Directed by H.C. Potter 94 min. Free. Room: 3-133. Sponsor: History, Theory and Criticism of Architecture and Art.

#### Thursday, September 18

8:00 a.m. - 12:30 p.m. - Aerospace/Defense - Industry Sector Sympos community (Advanced Registration Required). Room: Bldg E51 - Tang Center - Wong Audi-Sponsor: Office of Corporate Relations/ILP.

10:00 a.m. - Admissions Information Session, Free, Room; Admissions Reception Cen-

10:00 a.m. - 11:00 a.m. - MIT/WHOI Joint Program Coffee-Donut-Bagel Hour. Room Woods Hole Oceanographic Institution Student Center, 3rd Floor, Clark Laboratory South. Sponsor: WHO! Student Organization. GSC, EGSAC.

10:45 a.m. - Campus Tour. Free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:00 a.m. - 3:00 p.m. - Giveaways and Libraries Information. Free. Room: Stratton Student Center. Sponsor: MIT Libraries Communications Program.

12:00 p.m. - 1:15 p.m. – Industry Leaders Lecture Series, Office of Corporate Relations/ILP invites you to an industry presentation from the Chairman and CEQ of Novartis AG. Free. Room: Bartos Theater. Sponsor: Office of Corporate Relations/ILP.

12:00 p.m. - 1:00 p.m. - Introduction to E-mail at MIT. This quick start gives an overview of how e-mail works at MIT and the different e-mail protocols that are available. Supported programs for use at MIT are described, along with pros and cons of choosing one over the other, brief instructions on getting started, and pointers to more information tion. The "spam" e-mail problem - and what can and can't be done about it - will also be

presented. Room: N42 Demo Center. Sponsor: Information Systems. 1:00 p.m. - 2:00 p.m. - Weight Watchers at Work! Free. Room: Women's Lounge-Room 8-219. Sponsor: Weight Watchers

1:00 p.m. - 5:00 p.m. - TA's: S, F. F=Francois, S=Sharon. Free. Room: Project Lab.

2:00 p.m. - Admissions Information Session. Free. Room: Admissions Reception Cen-

2:45 p.m. - Campus Tour, Free. Room: Lobby 7. Sponsor: Information Center. 3:00 p.m. - 5:00 p.m. - InventioNibble: Cartoon Contortions. Meet an MIT researcher who designed an interactive zoetrope. Draw the frames of your own animation, and use his invention to control their speed and direction by squishing and twisting unusual homemade sensors. Free with MIT Museum admission. Room: MIT Museum - 265 Mass Ave - N52 - 2nd Floor - Cambridge, MA. Sponsor: MIT Museum.

4:00 p.m. - 5:00 p.m. - MIT Atmospheric Science Seminars, Free, Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

4:00 p.m. - Varsity Women's Soccer vs. Salem State. Free. Room: Steinbrenner Stadium. Sponsor: Physical Education.

4:15 p.m. - 5:30 p.m. - Physics Colloquium Series: The Physics of the VASIMR Engine The Physics community is invited to enjoy light refreshments in the Physics Common Rm prior to the lecture at 3:45pm. Free. Room: 10-250. Sponsor: Physics Department. 4:15 p.m. - 5:15 p.m. - Analyzing Systems of Dependent Components. Operations Research Center Fall Seminar Series. Seminar reception immediately following in the Philip M. Morse Reading Room, E40-106. Free. Room: 66-168. Sponsor: Operations Research Center

begins at 4:30pm. Competition begins at 5:00 p.m. Judging is at 6:00 p.m (need not be present to win). Free refreshments! Prizes! The planes will be thrown by the folder from the West Mezzanine in the Humanities Library Contest categories: Classic, Freestyle, esthetic. Classic: constructed of 8.5"x11" copier paper (supplies available at contest). Freestyle: paper of any type/dimension. Aesthetic: must have paper component; any material may be used. Classic and Freestyle planes will be judged according to distance and duration of flight. Aesthetic planes do not have to fly: they will be judged by rtics alone. Judges: Erik Demaine, Assistant Professor, EECS; Merritt Roe Sn Leverett Howell and William King Cutten Professor of the History of Technology, STS: Ann Wolpert, Director, MIT Libraries. Rules of the Game: One plane per person per category. Each plane gets one throw. Planes to be thrown by folder of entry. Open to all members of the MIT Community, except Humanities Library staff. Prizes generously donated by the MIT Museum, MIT Coop Bookstore, MIT Press & MIT Libraries. Free. Room: Humanities Library, 14S-200. Sponsor: MIT Libraries Communications Program.

5:00 p.m. - 6:30 p.m. - MIT China and Singapore Program Information Meeting. MIT student internships in China, Hong Kong, Talwan and Singapore. Free. Room: E38-7th Floor Conference Room. Sponsor: MIT China Program, MISTI Singapore Forum.

5:30 p.m. - 7:00 p.m. - Weekly Grad Student Bible Study for Absolute Beginners. Weekly informal Bible study for grad students; refreshments provided; Igbt welcome.

Free. Room: W11-007. Sponsor: Lutheran-Episcopal Ministry. 5:30 p.m. - 6:30 p.m. - Academic, Research and Careers Committee

(Walker Memorial). Sponsor: GSC Meetings. 5:30 p.m. - 7:00 p.m. - Duke University School of Medicine Information Session. This session will provide information on the School of Medicine and will review the admis-

sions process. Free. Room: 2-131. Sponsor: Career Services Office 5:30 p.m. - 8:30 p.m. - MA Public Health. Usability testing of MA Public Health's Can-

cerAwareness site. Free. Room: N42-253. Sponsor: Usability at MIT. 6:00 p.m. - Varsity Women's Field Hockey vs. Simmons. Free. Room: Jack Barry Field.

Sponsor: Physical Education, Department of Athletics. 6:00 p.m. - 7:00 p.m. - Oilfield Exploration - More High-Tech than You Think. Refreshments will be served. Free. Room: 10-250. Sponsor: Science and Engineering Business

6:00 p.m. - 8:00 p.m. - Janice Bourque, President & CEO, Massachusetts Biotechnol ogy Council. "Biotechs & Policy: Change for the better." Location: Sloan's Tang Center Room 315. Free. Sponsor: MIT Entrepreneurship Center. MIT Sloan BioPharma Business

6:03 p.m. - 7:00 p.m. - Weekly meetings. Regular meeting of the core group at muddy charles. Free. Room: Muddy Charles. Sponsor: Techlink.

6:30 p.m. - 9:00 p.m. - No Money Down: Raising Capital From Unconve Sources. Entrepreneurs explain the lean and mean approach to financing through other methods, \$20-\$30; Free for students, MIT employees. Room: Kresge Auditorium. Sponsor: MIT ENTERPRISE FORUM, INC.

6:30 p.m. - 8:30 p.m. - Mexican Movie Night. Bajo California el limite del tiempo (Spanish with english subtitles). Free. Room: 4-370. Sponsor: Mexican Student Association, GSC Funding Board. Mexican Consulate Boston.

7:00 p.m. - 9:30 p.m. - Rainbow Coffeehouse Movienight. Welcome to the the Fall term's first Rainbow Coffeehouse movie night. Join fellow LBGT folk and allies for a screening of 'Far from Heaven.' We meet at the Rainbow Lounge (50-306) at 7.00 p.m. and proceed to a classroom at 7:30 p.m. for the movie. Snacks and Refreshments will

be served. Free. Room: 50-306. Sponsor: Rainbow Coffeehouse.

7:00 p.m. - 9:00 p.m. - Graduate Christian Fellowship Bible Study. Come join us for Bible study, prayer, and fellowship! We are currently studying the book of Ephesians. Free. Room: W11-080. Sponsor: Graduate Christian Fellowship, GSC Funding Board. 7:00 p.m. - Writer's Series: Patricia Powell. Jamaican-born writer is the Martin Luther King, Jr. Visiting Professor of Writing for 2004. She has written "The Pagoda" (a rich and exotic novel of love and hidden identity), "A Small Gathering of Bones" (exploring the

complexity of homosexual experience with frankness and sensitivity) and "Me Dying Trial" (a tale of a woman's response to sudden change combining lightness and joie de ivre with an infinite sadness). Free. Room: Rm 6-120. Sponsor: Program in Writing and 7:30 p.m. - 11:30 p.m. - Fall Milonga of the Argentine Tango Club. A dance party for Argentine Tango lovers! Right by the cool waters of Charles River! No partners necessary.

Non-alcoholic beverages and snacks will be served. There will be complimentary beginners class at 7:30 until dancing starts at 8:30. Free for MIT students, \$5 for others. Room: MIT Sailing Pavilion. Sponsor: Argentine Tango Club.
7:30 p.m. – Women's Ice Hockey Club Pre-Season Meeting. Pre-s meeting for the MIT Women's Ice Hockey Club. All women in the MIT community who are interested in playing ice hockey with the Club (regardless of experience) are encouraged

to attend. Free. Room: Student Center - Room 407, Sponsor; Women's Ice Hockey Club, 8:00 p.m. - Japan C-Function. MIT Sloan C-Function is organized by the MIT Sloan Japan er Memorial. Sponsor: MIT Sloan Asian Business Club.

8:30 p.m. - 10:00 p.m. - Underwater Hockey. The MIT SCUBA Club invites all to participate in Underwater Hockey. Underwater Hockey is an exciting co-ed sport played at the bottom of a pool with a short stick and a lead puck. Free. Room: Z-Pool. Sponsor: Scuba Club, GSC Funding Board. Scuba Club, Undergraduate Association. 9:00 p.m. - 10:00 p.m. - Coffee Hour. Food and drink — an Ashdown tradition. Free.

Room: Hulsizer Room (W1). Sponsor: Ashdown House.

10:00 p.m. - 11:59 p.m. - Movie Night Movie and food — free for all! Room: Big TV

Room (W1). Sponsor: Ashdown House 11:59 p.m. - Campus Disc Golf. Do you like tossing a disc? Do you enjoy friendly competition? Or if you're just up for midnight antics, then come on out! Meet outside the Stu-dent Center on the front steps, and don't forget to bring a disc! Don't hesitate to come, newcomers are always welcomed - We meet every Thursday at midnight. Questions, contact Daniel Turek, macgiver@mit.edu. bring your own disc! Room: Student Center steps. Sponsor: Campus Disc Golf.

#### Friday, September 19

7:30 a.m. - 7:00 p.m. - MIT Alumni Leadership Conference. Join us for the 2003 Alumni Leadership Conference. Attend engaging volunteer workshops, valuable panel discussions and invigorating get-togethers with fellow alumni volunteers from across the U.S. and around the world. Free. Room: MIT Campus, Various Locations. Sponsor: Association of MIT Alumni & Alumnae

9:00 a.m. - 5:00 p.m. - Fall 2003 Direct UROP Funding Deadline. All undergraduates who are interested in applying for Fall 2003 Direct UROP funding, must submit their materials to the UROP Office by 5 p.m. today. Room: 7-104. Sponsor: Academic Resource Center, UROP

10:00 a.m. - Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

10:45 a.m. - Campus Tour, Free. Room: Lobby 7. Sponsor: Information Center.
11:00 a.m. - 1:00 p.m. - Career Profiles: Development. Gregg Hammond, Schochet Associates, Kathy McNeil, Millennium/MDA, and Vin Norton, E.A. Fish. Free. Room: W31-301. Sponsor: Center for Real Estate.

11:50 a.m. - 12:55 p.m. - AsiaTrek Kickoff Meeting. Please come to this kickoff meeting if you are interested in participating next year's AsiaTrek, which will take place during IAP (January) 2004. All ABC members may join the trek. Free. Room: E51-376. Sponsor: ian Business Club.

12:00 p.m. - 1:00 p.m. - Writers Group. New writers are invited to join our weekly Writers Group (sponsored by the Writing and Communication Center), Share a piece of your writing with other interested and supportive writers. Open to all MIT students, staff, faculand spouses. Free. Room: 14N-417. Sponsor: Writing and Communication Center. 12:00 p.m. - 1:00 p.m. - Orientation to Computing at MIT. Room: N42 Demo Center.

12:00 p.m. - 4:00 p.m. - Centennial of Flight Trivia & Prize Drawing, Free. Room: Barker Engineering Library, 10-500. Sponsor: MIT Libraries Communications Program.

1:00 p.m. - 5:00 p.m. - Group meeting. Free. Room: 68-121. Sponsor: 7.13. 1:00 p.m. - MCP Seminar. Importance of Public Health Considerations in Env. Mgt. free. Sponsor: Mexico City Project.

1:00 p.m. - 5:00 p.m. - TA's: S, K. K=Kevin, S=Sharon. Free. Room: Project Lab. Spon-

1:10 p.m. - 1:50 p.m. - Muslim Friday Prayer. Weekly congregational prayer for Muslims. People of other faiths welcome to attend. E-mail msa-ec@mit.edu for more information Free Room: W11-110 Sponsor Muslim S

2:00 p.m. - Admissions Information Session. Free. Room: Admissions Reception Center. Sponsor: Information Center.

2:45 p.m. - Campus Tour. Free. Room: Lobby 7. Sponsor: Information Center. 3:00 p.m. - 4:00 p.m. - Chemical Engineering Department's Fall Seminar Series. There namics in Cryobiology: A Non-Ideal Replacement for the Boyle van't Hoff equation. Free. Room: 66-110. Sponsor: Chemical Engineering.

3:00 p.m. - 4:30 p.m. - SSL Seminar (Dustin Berkovitz). Free. Room: 37-212. Sponsor: Aero/Astro.

4:00 p.m. - 5:00 p.m. - PSFC Seminar. Hydrodynamics of Inertial Fusion Implosions. Free, Room: NW17-218, Sponsor: Plasma Science and Fusion Center.

4:15 p.m. - 5:15 p.m. - A Geometric Littlewood-Richardson Rule. Refreshme 3:30 PM in Room 2-340. Free. Room: Room 2-338. Sponsor: Combinatorics Seminar.

6:00 p.m. - 12:00 p.m. - Simpsonathon. Six hours of the best episodes of America's favorite cartoon, The Simpsons. Raffle for valuable Simpsons memorabilia. Proceeds to benefit Magen David Adom. \$3. Room: 10-250, Sponsor: Alpha Epsilon Pi.

6:00 p.m. - 7:30 p.m. - Graduate Christian Fellowship Large Gro ing. Free. Room: Kresge Rehearsal Room B (W16-030). Sponsor: Graduate Christian Fel-

7:00 p.m. - 11:59 p.m. - MIT Anime Club Weekly Showing. Free. Room: 6-120. Sponsor: Anime Club, MIT,

7:00 p.m. - 9:00 p.m. - Finding Nemo. \$3. Room: 26:100. Sponsor: LSC.

7:30 p.m. - 9:00 p.m. - Bible Study. Is there more to life than grad school? We believe the answer is YES! Come study the word of God with us. There will be dinner provided and games afterward. Free. Room: 26-310. Sponsor: Asian Baptist Student Koinonia ate Division, GSC Funding Board. 7:30 p.m. - 8:30 p.m. - Graduate Student News Staff Meeting. Join the Graduate Stu-

dent News, MIT's only grad student paper, in their first meeting of the semester! Free. Room: 50-220. Sponsor: Graduate Student Council, Graduate Student News. 8:00 p.m. - 11:30 p.m. - Sangam Movies. Screening of popular movies. Please subscribe to sangam-request@mit.edu. Free. Sponsor: Graduate Student Council, Sangam. 8:00 p.m. - 10:00 p.m. - SOCIAL JUSTICE COOPERATIVE FRIDAY MOVIE. Documen-

taries and historic films on topics of domestic and foreign politics. Free. Room: 4231. 10:00 p.m. - 12:00 a.m. - Finding Nemo. \$3. Room: 26-100. Sponsor: LSC.

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Information Session
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Tuesday, September 16, 2003
7:00-9:00 p.m.
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Information Session
for PhDs, Postdocs & 3-4 year Masters
Wednesday, September 17, 2003
7:00-9:00 p.m.
Cambridge Marriott
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# Enhancing \*\* Campus Life...

Mon-Thurs	Friday	Saturday	Sunday
Lobdell Food Building W20		w Dining Stations at Center) 2nd Floo	
11am-3pm	11am-2pm		
Bosworth's Lobby 7, 77	Mass. Avenue	Featuring Peet's (	Coffee & Teas
7:30am-5pm	7:30am-5pm		
Dome Café Building 7, (	Rogers Building)	77 Mass. Avenue	
8am-3pm	8am-3pm		
Building 4 (	Café Off the Infinite C	orridor)	
8am-9pm	8am-3pm		
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Sub Connection at the Bio Café

8am-3pm

Building 68, (Biology Building), 31 Ames Street

8am-3pm



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## Scientists Press Buddhists on External Verification

Dalai Lama, from Page 1

ed to understand "what [Buddhist scholars] think we should measure to verify the claims."

Frequently mentioned by many scientists was the need for what Biology Professor Eric Lander called "third-person confirmation of first-person introspection.'

One of the broader topics debated throughout the seminar was the "adaptability of the human mind," or the idea that humans could develop basic mental functions such as attention or mental imagery far beyond the brain's physical predisThere was no explanation offered by the scientists as to how this adaptation could occur, but Buddhist scholars often mentioned cases in which these phenomena occurred.

Alan Wallace of the Santa Barbara Institute for the Interdisciplinary Study of Consciousness, a consistent contributor, detailed what Buddhism calls the sixth

"It is essentially being aware of being aware," Wallace said, describing the sense of mental activity one has inside a sensory deprivation tank. The example was frequently mentioned as a situation in which the mind could be trained to improve its faculties.

Often, the Buddhist scholars received a round of applause from the audience after offering their view on a topic.

The Dalai Lama went through the talk in good humor, often throwing jokes.

He started off the conference by peering into the solemn audience and waving to people.

"Every human being," the Dalai Lama said, is "part of humanity. If humanity is happy, then individual beings are happy."

Later, as Princeton Neuroscience Professor Jonathan Cohen described how humans could mentally force themselves to resist scratching an itch, the Dalai Lama nodded in understanding while scratching his nose.

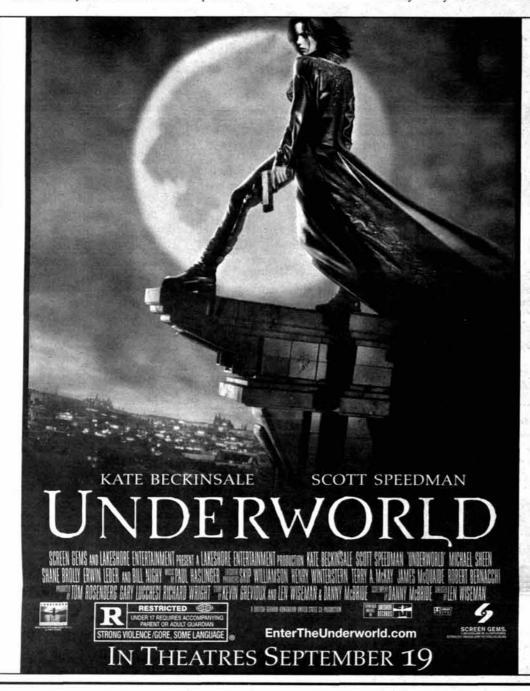
#### Kanwisher remains optimistic

Nancy G. Kanwisher, an MIT professor of brain and cognitive sciences, said that the results of the conference were "mixed."

"There were high points and points where we just talked over each other," she said. "It was an interesting and promising beginning, though it will require a lot of work to see whether any results will come from this collaborative effort."

"In science, you focus on the points you have," she said. "I didn't learn until after the meeting that Alan Wallace will begin a year-long study training non-Buddhist students to see if improvements ... can be observed," she said.

The Dalai Lama ended the conference by declaring he had faith and confidence in science. "Science is a way to bring more comfort to society," he said. The 14 hour discussion, he said, "has made me refreshed, alert, and joyful."



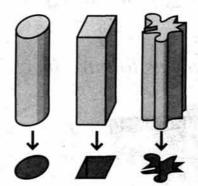
# The last challenge of a socially conscious society?

Depression strikes millions– indiscriminately. Depression is simply a suppression of brain activity that makes life unbearable. And even though depression is readily treatable, only 1 in 5 ever seeks treatment. Why do so many just drag themselves along or eventually seek relief through suicide? First, there's the lack of awareness of depression– as an illness and as the threat that it is to each and every one of us. Second, there's the unwarranted negative stigma attached to it. You know, the 'mental' thing. It's time to collectively face depression. To know it's an illness, not a weakness. And it's a Challenge that's long overdue. It's taken too many of us already.

#1 Cause of Suicide

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It wouldn't be clear to every firm that a man with an M.F.A. in poetry was the right choice to head an automated block trading unit. Or that a designer of solar-powered race cars was the right woman to help launch a new venture in computational chemistry. But after we talked to them, it was clear to us.

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The firm currently has openings in quantitative analysis, software development, information technology, computer architecture, business development, computational chemistry, accounting, finance, and investor relations. We're looking for creative but pragmatic people, articulate, curious, and driven. Our working environment is intense but surprisingly casual. We provide unusual opportunities for growth. And we compensate extraordinary people extraordinarily well.

The D. E. Shaw group will host an information session on Tuesday, September 16 at 7 PM in the Grier Room, 34-401A. On-campus interviews will take place September 30. To apply for an interview, log on to <a href="http://web.mit.edu/career/www/monreg.html">http://web.mit.edu/career/www/monreg.html</a>. If this isn't possible, send a resume and a cover letter stating your GPA and standardized test scores, broken down by section where applicable, to <a href="mailto:oncampus@deshaw.com">oncampus@deshaw.com</a>. All applications must be received by September 19.

Members of the D. E. Shaw group do not discriminate in employment matters on the basis of race, color, religion, gender, national origin, age, military service eligibility, veteran status, sexual orientation, marital status, disability, or any other protected class.

# HITS HIM **BELOW** THE BELT

After too many, he'll offer much less. The facts of MIT life, based on experience like the, um, lame side of wasted guys (5+ drinks). Find it in the Conquer MIT tip book: How to avoid getting wasted, deal with the roommate from hell, avoid the Freshman 15, and more. Written by MIT students for MIT students.

#### CONQUER MIT

What you really want to know



## **Attention School of Engineering Sophomores:**

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Want to know more? Come to an info session (food will be served):

Thursday, September 11th at 7:00pm in 4-231 Tuesday, September 16th at 7:00pm in 4-231 Wednesday, September 17th at 7:00pm in 2-105

The application for UPOP '03-'04 will go online Thursday September 18th at http://mit.edu/engineering/upop/online\_registration.html

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# Another Arts Success Story !!!!!

(Next Grants Deadline: September 26!!!!)



One day my office mate, Ted, seemed particularly fulfilled....

Why so happy, Ted?



happen? I applied to the Council for the Arts at MIT Grants Program!!

Wow!

How did that

I stopped by E15-205, the Office of the Arts.

Just fill in an application form and supply some supporting material.

Like my resume?

And letters of

My site visit with the Grants

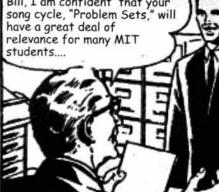
Committee member went well. Encouraging? And how!

recommendation?

About a month after the deadline, it was time to meet with a member of the Council to talk about



Bill, I am confident that your song cycle, "Problem Sets," will have a great deal of relevance for many MIT students...



That's right! You, too, can be part of an

#### ARTS SUCCESS STORY!!!

Apply to the Council for the Arts at MIT Grants Program!!!!!!

We strongly suggest that you make an appointment to discuss your application Please contact Magda Fernandez at msf@mit.edu for more information

http://web.mit.edu/arts/grants/grantguide.html

# **Boston Globe Gives** Stata Price: \$400M

Stata Center, from Page 1

Gehry look has become a victim of self-parody, or at least of parody, to be sure. It is no accident that MIT's Department of Linguistics, which is slated to move into Stata, displays the famous Onion magazine satire - "Frank Gehry No Longer Allowed Make Sandwiches for Grandkids" Web its

(http://web.mit.edu/linguistics/www /stata/stata.html). MIT officials are fanatically loyal

to the Stata building, which has been uncharitably dubbed the Institute's Big Dig. Bill Mitchell, a longtime friend of Gehry's and MIT's outgoing dean of architecture, says of the aforementioned Gehry structures, "Stata is the one with the most complex program and intellectual agenda. I think it may be the best thing he's done.'

MIT provost Bob Brown has ready explanations for the delays and ballooning costs of the building. For one thing, MIT decided to add a 700-car underground garage to the project after the initial design phase. For another, the above-ground portion of the building has grown from the original 300,000 square feet to a current footprint of 420,000 square feet. Overall, "the project has been tightly managed," Mitchell says.

The building is the subject of much discussion at MIT, especially among the departments slated to occupy Stata. One of the centerpiece design elements, the Tolkien-like twin towers, evolved in part because two of the prospective tenants — the Laboratory for Computer Science and the Artificial Intelligence lab were not on speaking terms. But during construction, the two labs buried the hatchet and merged, obviating the need for separation.

Looking on the bright side, provost Brown notes that the twin towers "gave us two naming opportunities," and indeed Bill Gates and MIT alum Alexander Dreyfoos '54 ponied up an additional \$35 million to slap their names on the nine-story

As elsewhere, money is tight at MIT. The Institute plaintively lists about \$40 million worth of other "naming opportunities" (the James Woods Linguistic and Philosophy Reading Room? The actor is clearly the school's most distinguished graduate) on the Stata Web site. Tech Editor's Note: Actor James H. Woods '69 attended but did not graduate from MIT.] Meanwhile, faculty members are receiving emails informing them that they may have to pay for essentials such as furniture, shelving, and blackboards. The subject of furniture is a touchy one, because at one point MIT considered using Gehry-designed cardboard furniture inside Stata.

"We still need \$200,000 to support furniture," reads an internal email sent to prospective Stata Center tenants. "I write to ask if you are able to make any contributions to support furniture from your research groups." The memo goes on to note that one lab's money for student socials will be diverted to furniture, so "if you are interested in sponsoring a student social, please respond to this message."

"How's that for a great university?" opines one prof. "Three hundred million for glitz, and not one cent for blackboards."

Alex Beam is a Globe columnist.



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# FLP Helps Elect '07 President, VP; Hidalgo Beats Five Competitors

Elections, from Page 1

students, or about 40 percent of the

Nnennia L. Ejebe '04 said she voted because "career fair is important and study breaks are nice."

Jeff S. Cohen '06 of Random Hall said he was "not particularly certain" of what the UA does, but voted in the UA Senate election because he knew a candidate.

Joshua S. Levinger '07 said he did not vote in the election because he was "given no background or reason to care. You have no idea what these people stand for."

#### Ricker wins 2007 presidency

President:

Secretary: Treasurer:

President:

Secretary:

Baker:

Bexlev:

East Campus:

MacGregor:

McCormick:

New House:

Next House:

Senior House:

Random:

Simmons:

Off-campus:

Fraternities:

Sororities:

ILGs:

**UA Senate Race Results** 

Social Chairs:

Ricker, the freshman class presi-

2007 Council Election Results

Elizabeth R. Ricker

Raymond R. Wu

Maria E. Hidalgo

Christine Chang

Burton-Conner: Benjamin Navot '07, Vivek Rao '05

Social Chairs: Mimi Liu, Devdoot Majumdar

Ovid C. Amadi, Melvin C. Makhni

Jennifer Peng '05, Nikhil S. Nadkarni '07

Rav A. Perlner '04 (eligibility unconfirmed)

Maria C. Schriver '05, Shankar Mukherji '04

Rose A. Grabowski '05, Hannah K. Choe '06

Samuel J. Cole '07, Aston R. Motes '07

Seth E. Dorfman '05, Cameron Sadegh '06

Jonathan G. Rogg '05, Phillip A. Vasquez '06,

SOURCE: UA ELECTION COMMISSION, UA SPEAKER YUN-LING WONG

Katherine H. Allen '05 (appointed)

Tanzeer Saif Khan '06 (appointed)

Daniel M. Bergey '06 (appointed)

Robin M. Davis '05 (appointed)

Edward F. Hsieh '05, Haiming Sun '05,

Christopher C. Hemond '06,

Paul A. Montgomery '07

Alexander J. Werbos '07

Ross L. Hatton '05

Christina C. Royce '06, Deborah A. Watkins '06

Vice President: Elizabeth S. Rosenblatt Shilpa M. Joshi

Publicity Chairs: Grace C. Lo, Susan J. Shin

2004 Council Special Election Results

Vice President: Ken Nesmith

ident Elizabeth S. Rosenblatt are extremely excited to have won the

"I almost felt like I was getting into college again," Rosenblatt

Ricker and Rosenblatt attribute their victory to a strong network of 70 friends they established in the Freshman Leadership Program.

Hidalgo beat five other candidates for the class of 2004 presidency. Because of the tight competition, winning "was a real surprise,"

#### Nesmith to serve in absentia

Ken Nesmith, who was elected vice president of the senior class,

while attending the University of Oxford in England as a visiting

"All the big stuff happens second semester anyway," he said. Major senior events like the senior ball occur in the second semester, Nesmith said. The career fair will occur in the fall.

To keep in touch with the rest of the council and class, Nesmith will use "teleconferencing and email. It's been done before," he

Ken Nesmith '04 is a member of the opinion staff of The Tech.

#### Solution to Crossword

from page 9

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# **Alan Dershowitz**



## The Case for Israel: **On Campus**

Thursday, September 18 at 6:30 p.m. Harvard University, Science Center D

> Students with ID: Free Non Students: \$5

Alan Dershowitz THE CASE FOR ISRAEL

The first 25 students through the door will receive a FREE copy of Alan Dershowitz's new book "The Case for Israel." Additional copies of the book will be for sale at the event.

For more information, call (617) 457-8674

Directions by T: Take the Red Line to Harvard Square and cross Harvard Yard. The Science Center is a large gray building on the edge of the Yard.

Sponsored by the Israel Campus Roundtable, co-convened by Combined Jewish Philanthropies, the Jewish Community Relations Council, and Hillel Council of New England. and including the Anti-Defamation League, American Jewish Committee, AIPAC, CAMERA, Consulate General of Israel to New England, The David Project, Hasbara Fellowships, Israel Aliyah Center, Hamagshimim, and USD/Hagshama

# Schlumberger

Tuesday, September 23, 2003 Student Center, 3rd Floor - 20 Chimneys

3:00-5:00 PM Open House Learn about Schlumberger's Businesses

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Demonstrations of Schlumberger's Technology: Directional Drilling

Reservoir Modeling **MEMS Sensors** 

#### 4:00 PM Informal Presentation

Oilfield Exploration - More high tech than you think! Larry Schwartz and Demos Pafitis

Larry manages University Relations for Schlumberger and Demos is the Research Director for Schlumberger's new center in Cambridge, MA.

#### Refreshments and Door Prizes

For additional information about Schlumberger, please visit our website: www.slb.com



Buddhist monks pray to holy relics on Sunday in the Stratton Student Center. The relics are mostly pearl-like remains from cremated bodies of prominent Buddhist masters, including the founder of Buddhism, Shakyamuni Buddha.

# Have a great day!

# great work study opportunity!

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Plus 45 minutes after each session for

Your compensation shall be \$17.00

We are conveniently located near the Green line B train, to Babcock Street on Commonwealth Avenue in Boston, and are within minutes of the 66 bus route. If interested, send a resume and a brief cover letter to tutors@matchschool.org or fax it to 617, 232, 2838. Please put Weekend Tutoring\_Volunteer or Weekend Tutoring\_Work Study (work study participation is available for eligible students at participating universities) in the subject line.

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Age 15, 1990



Elizabeth Suto. Killed by a drunk driver on February 27, 1994, on Bell Blvd. in Cedar Park, Texas.

If you don't stop your friend from driving drunk, who will? Do whatever it takes.

#### FRIENDS DON'T LET FRIENDS DRIVE DRUNK.

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#### MIT Department of FACILITIES **CAMPUS CONSTRUCTION UPDATE**

#### Stata Center

Waterproofing inspection for metal and brick is ongoing. Landscape and utility work at the south quadrant of the site between Stata and Building 56 is ongoing. Work above the garage entrance may temporarily close entrance or exit lanes. One access lane in each direction will remain open at all times.

#### Brain and cognitive sciences project

Fencing adjustments continue at perimeter of site. Casting of pile caps and beams continues. Assembly of a large crane, which will lift steel trusses and girders above the railroad tracks, is underway. Hauling of excavated soil continues. Albany Street and Main Street will be narrowed to accommodate steel erection. Parking on both sides of Main Street from Albany Street to the railroad crossing will be eliminated. Pedestrian sidewalks along the site will be moved into the street and protected with barriers.

#### **NECCO Building Conversion**

Dump truck traffic will continue on Cross Street as excavation continues. Cross Street adjacent to Edgerton House will be partially blocked by cranes, and parking may be restricted. Noise, dust, and increased traffic will occur.

#### **Building 48**

Asbestos abatement within the building is underway. Demolition within the building will start in the next two weeks. Turner Construction has a field office inside the east doors of the building. Steel is expected to arrive in mid-November.

For more information on MIT's building program, visit web.mit.edu/evolving. This information provided by the MIT Department of Facilities.

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Event: Information Technology Presentation Panel

Date: Wednesday, September 17, 2003

Time: 5:30- 7:00 PM Location: Room 4-159

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Tuesday, Sept. 16, 2003

2:23 a.m. Fenway. Totalitarian Regimes for Dummies. Feeling power hungry and maybe just a little bit insecure? Come chat with Augusto Pinochet and Slobodan Milosevic live via satellite! Learn from the masters! Call 617-437-1043 for a ride.

**5:15 p.m.** Fenway. Jog. You need to exercise more, so come to Fenway for a light jog around the Fens. If you're really good, you can carry a rifle and 50 pounds of ammunition as part of our secret world domination army. Just don't tell anyone! Call 617-437-1043 for a ride.

**6:00 p.m.** Epsilon Theta. Quiche and pies, oh my! Oooh, I wonder what Karen's going to put into the pies?

7:00 p.m. Fenway. Middle Eastern Food. Enjoy great middle eastern food: baklava, falafel, hummus, cucumber salads, etc. And to make it even more entertaining, we'll be sure to demonstrate some of the violence that makes the middle east such a fun place to be. You too can experience the joy that was Beirut where each religious faction and political organization battled it out with their own pri-

vate army! Come early since we'll be handing out kashlinikovs and rocks to the first few lucky

**8:00 p.m.** Epsilon Theta. Improv, Take 2. Every good performance needs an encore!

8:00 p.m. pika. spaminals!! You'll love them!! Trust me!! Er, actually, don't.

8:19 p.m. Fenway. Homework Help. Do you long to visit that magical land where vectors frolic amidst complex fields under the shade of a binary tree? Then come harass our math majors for help on your problem sets. Please come and give them an excuse to procrastinate their own work! Call 617-437-1043 for a ride.

8:29 p.m. Fenway. Buckaroo
Banzai! Thrill to the adventures
of world famous
neurosurgeon/rock star/comic
book hero Buckaroo Banzai as
he saves the world in this brilliant sci-fi cult classic movie. Call

Wednesday, Sept. 17, 2003

617-437-1043 for a ride.

**5:00 p.m.** pika. sailing. we'll be home in time for dinner. **6:00 p.m.** Epsilon Theta.
Spinach pasta toss with sun-

dried tomatoes. Yeah, yeah, meat option available too.

6:18 p.m. Fenway. Cheap Ass Games. Are you torn between killing and saving Doctor Lucky? Find out while playing our Cheap Ass games. Loads of fun and a harmless obsession. Call 617-437-1043 for a ride.

7:00 p.m. Fenway. Mongolian Barbecue. You walk through our kitchen selecting pieces of beef, chicken, fish, fruits, vegetables, jalapeno peppers and whatever else we can find before picking your own magical mix of secret sauces. When your concotion is complete, just pass it to our skilled chef who will grill it right in front of you. Don't worry, he doesn't need that many fingers, and eventually, those unfortunate lesions will go away. We'll also demonstrate how the mongolians conquered the civilized world by laying siege to some BU dorms down the street.

7:34 p.m. Fenway. Homework Help. Frustrated with your attempts to turn lead into gold? Or maybe just tired of fighting with your cold fusion prototype? Come to Fenway and revel in the radiance of brilliant chemists that can help you to see Avogadro and all his accursed numbers. Call 617-437-1043 for a

9:00 p.m. WILG. Another week, another Study Break at WILG! Food and games in the middle of the week are always a great ideal

**10:00 p.m.** Fenway. South Park. Besides the profanity, there's not much to enjoy, but we can't stop laughing. Come laugh with us! Call 617-437-1043 for a ride.

Thursday, Sept. 18, 2003

6:00 p.m. Epsilon Theta. Fried chicken and orzo! and corn on the cob! Vegetarian choice, too. 7:00 p.m. Epsilon Theta. Not-Coffee. Tool-In Cider, Hot Chocolate, Chai, and Iced Tea — just what you need for that last problem set of the week!

8:11 p.m. Fenway. Homework Help. Did you know that through the miracle of recombinant DNA, you can make Britney Spears shaped asparagus? Isn't biology fun? Come to Fenway for help with your 7.0x work or anything else. Call 617-437-1043 for a ride.

8:39 p.m. Fenway. UHF. Weird Al Yankovic's classic comedy film with such infamous shows as "Wheel of Fish" and commercials such as "Spatula City" and "Gandhi II". Call 617-437-1043 for a ride.

Friday, Sept. 19, 2003

**11:12 a.m.** Fenway. Swing Sets! Reconnect with your inner child while swinging on the playground

swings in the park right next to Fenway house. Call 617-437-1043 for a ride.

**6:00 p.m.** Epsilon Theta. Stuffed shells. And we're getting fresh baked bread with it, too!

**6:15 p.m.** pika. Indian? yet another dinner. May or may not be Indian.

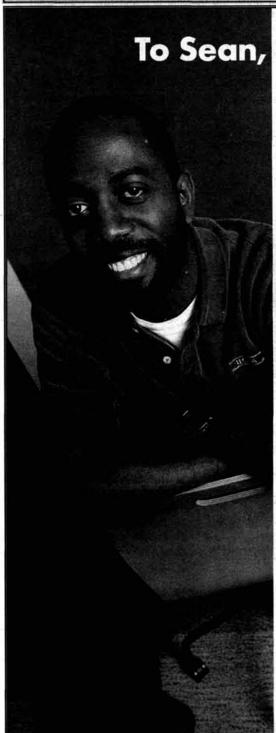
**6:46 p.m.** pika. children's museum. master the climbing wall, sit in a wigwam, build a road, visit grandpa's attic, make faces at the kids, try not to get kicked out this time.

7:00 p.m. Epsilon Theta.
Snoballs! Shaved ice! Sugary
syrup goodness! And adding fruit
on top makes it all healthy,
right?

**8:00 p.m.** Epsilon Theta. Karaoke Party. And now, for my impression of a dying baby duck: quuUUAAANNnnnccckk! Come make a fool of yourself at our Karaoke Party. No dignity required.

8:00 p.m. Epsilon Theta. Videogames! While the Karaoke people screech, er, sing their hearts out, why not just sit back with a nice relaxing game of Soul Caliber ... poke poke SCHWING! 8:00 p.m. WILG. Karaoke and Nitrogen Ice Cream! Help us serenade our neighbors on our second floor patio while stirring up your favorite ice cream flavor! 8:14 p.m. Fenway. Run Lola Run. Tired of running around? Sit back and punt while watching this great German movie with a cool techno soundtrack, Call 617-437-1043 for a ride.

# The Tech News Hotline: x3-1541



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1st Annual

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Kickoff Meeting Wednesday, September 17, 7:30-9:00 pm Room 10-250

- Talk with experts from the U.S. Army about Soldier needs
- Find out how to get involved in the competition
- Network with other interested participants
- Any member of the MIT community is welcome to participate

\$10K in cash prizes will be awarded to the three top designs in February 2004.



Institute for Soldier Nanotechnologies
Massachusetts Institute of Technology
http://web.mit.edu/isn/

# No Div. I Scholarships for MIT

A new dormitory would provide housing for students in older dormitories that are in need of repair. These dormitories would be renovated and then reopened for student habitation, he said.

#### Some sports may become Div. I

At the meeting, Director of Athletics Candace L. Royer discussed the news, initially reported in The Boston Globe, that some MIT sports may change their NCAA status from Division III to the more competitive Division I.

"The commitment our depart-

ment has to providing Division III sports will not change," Royer said. We do have the opportunity to run some Division I programs."

Benedict and Royer said that MIT will not devote a great deal of resources to recruiting Division Icaliber athletes

out" through the Admissions Office and educational counselors, Royer

"We are going to get the word

"We're not going to give Division I scholarships," Benedict said. "That's just not who we are."

#### Benedict presents other plans

Benedict and the Division of Student Life staff were the guests of honor at the first UA Senate meeting of the year.

In his presentation, Benedict also discussed plans under way to open an access path between Vassar Street and Amherst Alley through the Westgate parking lot for students to traverse at night.

Royer announced that the juice bar in the Zesiger Center, Punj, will probably open on Sept. 21.

With respect to Student Center projects, Benedict said that renovating the fifth floor reading room is high on his list of priorities. He also said that business proposals for the Coffeehouse space will be considered, but that for now it is a student activity space.



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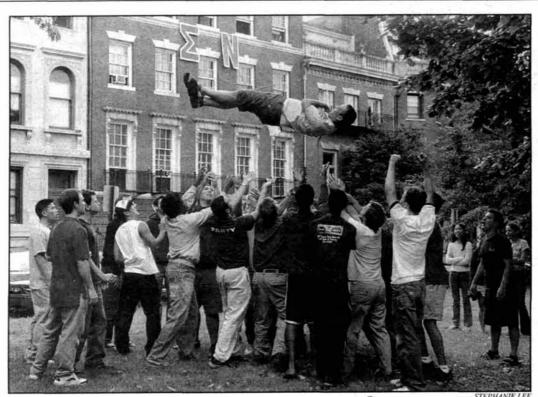
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Joseph F. Walsh '07 is thrown into the air during his pledge ceremony outside Sigma Nu Saturday.

# MIT 200 Career Fa



Thursday September 25th, 2003

Johnson Athletic Center 11 am to 7 pm

Submit Resume at: <a href="http://careerfair.mit.edu">http://careerfair.mit.edu</a> DEADLINE: THIS Friday, 5 PM

# **Red Sox Help the Community**

By Andrew C. Thomas

Charities in the area have a wonderful new friend on the block these days

The friend actually has been around for a long time its house at 4 Yawkey Way has been up for 91 years - but I doubt anyone will mind that the Boston Red Sox have come out to play for the charities.

The current management, nearing the end of their second year, has firmly established itself in the philanthropy business. The club hosted a community blood drive on Sept. 11 at Fenway Park and advertised it well - perhaps too well. A typical blood drive at MIT will net around 80 units of blood per day. The Red Cross was expecting to collect in the area of 200 units, but they were amazed at the crowd of nearly 1,500 people who showed up. They managed to collect 375 units, well over target, and likely made donors out of those who would not normally have turned up for a drive. And just in case you were wondering, the drive was held in the upper deck A06 club, and not on the field as I had hoped.

But no charity has seen as much benefit over time than the Jimmy Fund, run by the Dana-Farber Cancer Institute. The fund is in its 55th year and it is celebrating its 50th in partnership with the Red Sox. A recent telethon run by WEEI in support of the fund also brought out the best in the community, raising over \$1 million. Even Yankees owner George Steinbrenner donated \$10,000 in a show of good faith and judge-

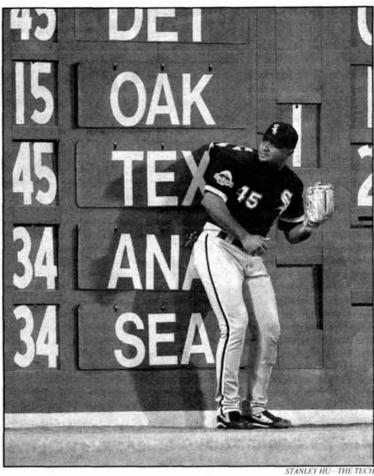
And the good news continues at game time at Fenway; the Red Sox and Hood Milk donate \$100 to children's hospitals in New England for every home run they hit, and for every strikeout or double play converted by their defense. CF Johnny Damon, one of the game's most decent human beings, decided that wasn't enough and offered up \$100 for every hit he collected, whether a line shot into left field or a squeaking bunt down the third base line.

Despite a red-hot Bartolo Colon leading the Chicago White Sox over Boston 3-1, Saturday night's game proved to be a boon for the kids, considering knuckleballer Tim Wakefield struck out eight (for the fifth time this year), including catcher Miguel Olivo three

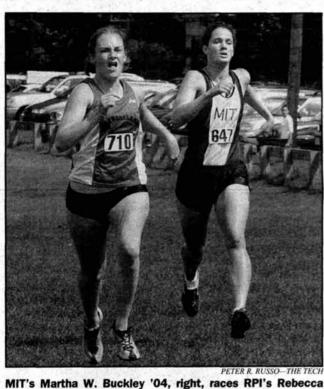
Add to that two more from reliever Scott Williamson and one from Brandon Lyon. Damon singled three times, and the defense turned one double play. That's \$1500 for one night alone, and seeing as the Red Sox have shattered their previous record for home runs in a season, there's every reason to think they'll keep hitting them out long through October and put more money toward that good cause

It's a shame that no sadistic millionaire has offered to pony up to the Jimmy Fund or children's hospitals for errors and weird plays. Catcher Doug Mirabelli mishandled a throw from RF Gabe Kapler in the fourth, and Chicago LF Carlos Lee allowed a Johnny Damon blooper to get under his legs and all the way to the wall. Even more unusual was the next inning, when 1B Kevin Millar broke toward home on a Lee dribbler, leaving first base unguarded and allowing Lee to beat pitcher Tim Wakefield to the bag in a footrace. But best, and funniest, of all was when Lee made a jumping catch at the Monster to rob Bill Mueller of an extra-base hit - and in highlight reel fashion, caught his shirt on a nail on the old wooden

Then again, if anyone would pay money for bad play at Fenway, one would think it would be Stein-



Carlos Lee of the Chicago White Sox looks over after getting stuck on a nail on the Green Monster while catching a long fly ball hit by Red Sox third baseman Bill Mueller. Teammate Carl Everett had to come over and unhook him. The White Sox won 3-1 Saturday.



country race Saturday. Buckley placed second in the race

Rosenberg-Beran to the finish at the Engineer's Cup cross

behind Rosenberg-Beran. MIT and RPI tied for first place in the meet with team scores of 30.



From left to right: Kevin F. Brulois '07, Brian C. Anderson '04, John A. Brewer '05, and Eric A. Khatchadourian '06 run in a pack at the Engineer's Cup cross country meet Saturday at Franklin Park. The runners placed third, fifth, second, and fourth respectively. MIT's Benjamin A. Schmeckpeper '05 won the race, leading the team to a perfect score of 15 for their victory over RPI and WPI.



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# **SPORTS**

# **Beavers Football Grinds Out First Victory**

By Christopher P. Anderson

The MIT football team opened

the 2003 campaign with a hardfought 7-0 victory over Framingham State on Saturday at Steinbrenner Stadium. The Beavers rode their beleaguered backfield and neversay-die defense, overcoming three turnovers and stopping the Rams three times inside their own 30-yard

The game opened with special teams fireworks for MIT. Freshman Jon A. Williams returned the opening kickoff for 35 yards, and after the offense failed to gain a first down, sophomore R. Ramirez's punt was fumbled by the Framingham return man.

Kevin M. Yurkerwich '06 recovered, setting MIT up at the Ram 27yard line. But the offense again sputtered, gaining no yards and tossing a fourth down interception.

The defense trotted onto the field and promptly forced a threeand-out, setting up the offense at the Beaver 45-yard line. This time, they didn't squander the favorable

field position. David J. Ostlund '04, starting at tailback for injured captain Philip M. Deutsch '04, drew a 15-yard facemask penalty on the third play of the drive. Immediately following, quarterback Adam C. Love '07 used a long cadence to draw the Rams offside. Ostlund, who finished the day with 20 carries for 74 yards, promptly ran off left end for a 24yard touchdown.

Framingham threatened on the next drive, as shifty quarterback T.J. Beary galloped 38 yards to the MIT 27-yard line, with David A. Blau '06 making a touchdown-saving tackle. But the Rams couldn't move the chains again, as MIT's defense forced incompletions on third and fourth down.

MIT's offense stayed quiet for the remainder of the half. One short drive ended in a fumble; a solid five-minute drive stalled near midfield. Despite not scoring, the offensive possessions gave the defense a much-needed rest.

Framingham was unable to take advantage of the Beaver fumble as Terence S. Karnal '07 deflected a pass at the line of scrimmage and grabbed it out of the air for an inter-

#### Second half shutdown

The Rams put together one more serious threat, recovering another fumble on the MIT 45yard line in the third quarter. But their 11-play, six-minute drive ended in futility when Beary was forced out of bounds on an option at the MIT 10 yard line. Phillip T. Zakielarz '05 and Michael J. Harvey '04 with eight tackles apiece, along with defensive captain Daniel Relihan '04 led the superb defensive effort.

Defensive linemen Mark A. Jury '04, Clayton J. Williams '07 and Brennan P. Sherry '06 held the Ram offensive line at bay. The Rams' 2for-11 passing numbers were the result of great coverage by Blau, Mark D. Boudreau '05, David W. Shearer '04 and Richard H. Park

Framingham looked like it had stolen the momentum back (after the fumble) by forcing a Beaver punt. But a Framingham player took a shot at Ramirez after the kick, knocking him to the ground for several minutes and drawing a 15-yard penalty. MIT took the ball to midfield, then Jon Williams filled in admirably with a 44-yard punt that rolled dead at the Ram five yard line. The swing in field position all but slammed the door on Framingham's comeback hopes.

As the game wore on, both offenses seemed unwilling to risk a big play and continued to run the ball between the tackles. The holes began to open later in the game as fullback Ryan J. Lanphere '06 picked up huge chunks of yardage en route to his 16-carry, 94-yard total. Love finished his first college game 7-for-12 for 62 yards. On the final drive of the game, Love fired a crucial 19-yard pass to Tom Kilpatrick '05, then later bootlegged right and ran up the field for the game-clinching first down.

Next Saturday MIT (1-0) hosts the Massachusetts Maritime Academy at 2 p.m.

#### Are you a diehard sports fan? Do you like to spend hours sitting on your bum?

If you answered yes to either question, you are pre-qualified to be a sports writer for The Toch! Come and see for yourself!





Kevin C. Amendt '07, right, defends Williams College player Brett Marinelli during Saturday's MIT Water Polo Invitational at the Zesiger pool. MIT defeated Williams during the first match of the tournament, 15-1.

Aaron J. Parness '04 gets tangled up with German Cardona during Saturday's game against Rhode Island College. MIT won 4-2, bringing their record to 2-0 for the season.

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